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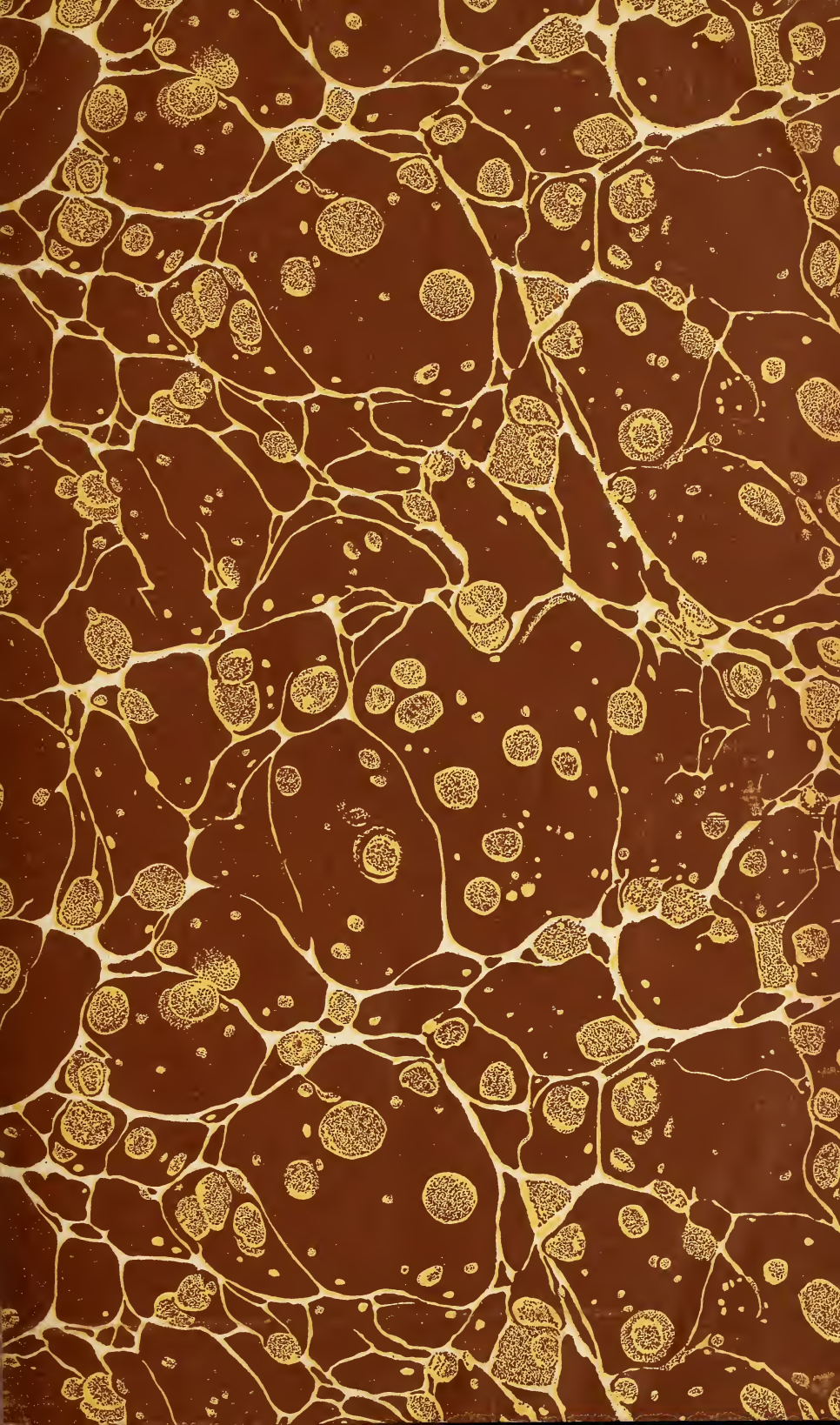
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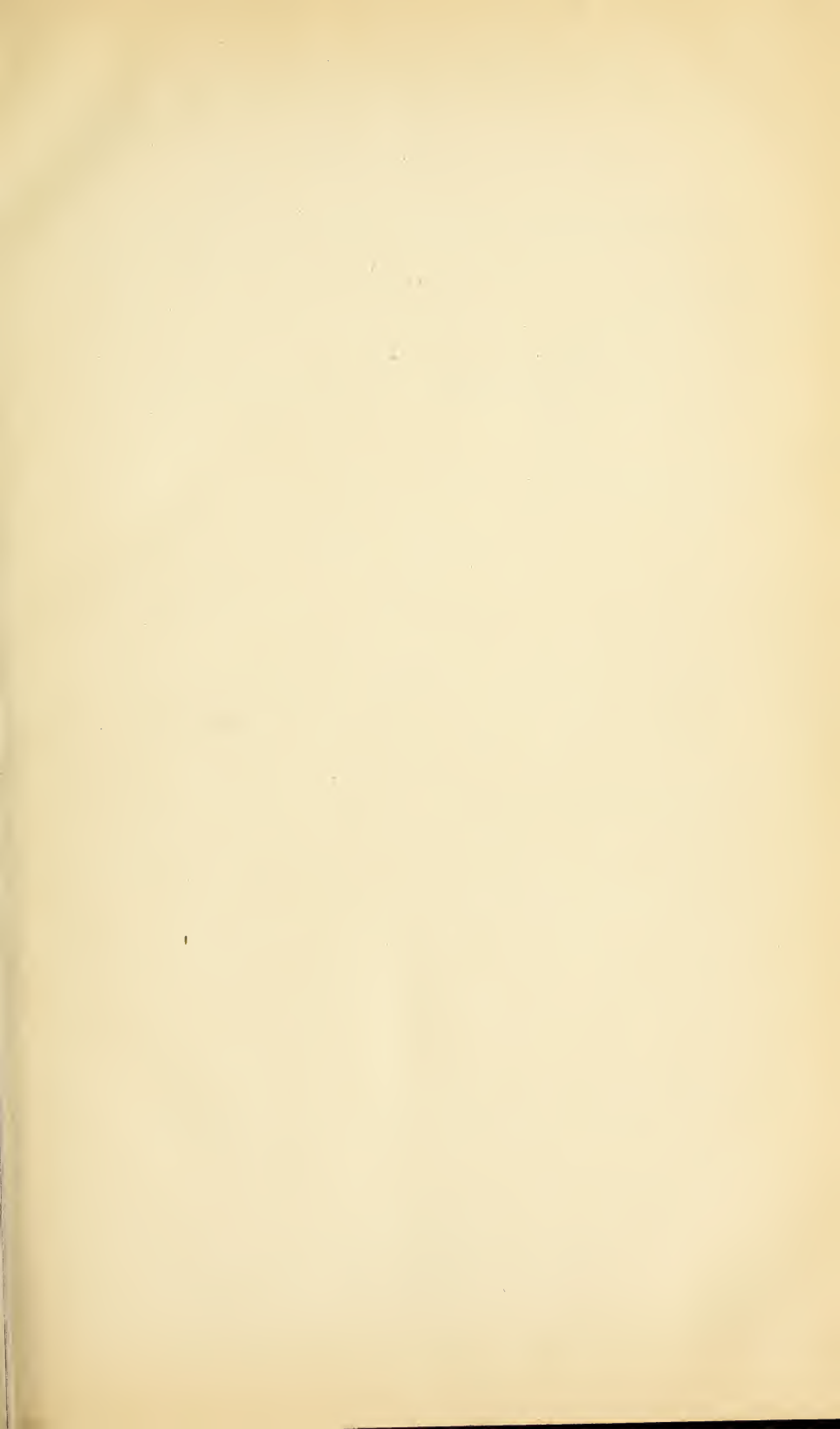
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1907/08







60TH CONGRESS }  
2d Session }

HOUSE OF REPRESENTATIVES

{ DOCUMENT  
No. 1157

# STATEMENT OF EXPENDITURES

OF THE

DEPARTMENT OF AGRICULTURE



FOR THE FISCAL YEAR

ENDED JUNE 30

1908

---

PREPARED UNDER THE DIRECTION OF THE SECRETARY OF AGRICULTURE

By A. ZAPPONE

CHIEF OF THE DIVISION OF ACCOUNTS AND DISBURSEMENTS

---

DECEMBER 9, 1908.—Referred to the Committee on Expenditures in the  
Department of Agriculture and ordered to be printed

WASHINGTON  
GOVERNMENT PRINTING OFFICE

1909

DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, December 8, 1908.*

SIR: As required by act of March 3, 1885 (23 Stat. L., 356), I have the honor to transmit herewith a detailed statement of the expenditures of the Department of Agriculture for the fiscal year ended June 30, 1908.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

JAMES WILSON,  
*Secretary.*

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

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# EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## OFFICE OF THE SECRETARY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Office of the Secretary, 1908, \$119,200."*

### STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wilson, James.....	Secretary of Agriculture, at \$12,000.....	\$12,000.00	\$806.77
Hays, W. M.....	Assistant Secretary of Agriculture, at \$5,000.....	5,000.00	896.98
Burch, S. R.....	Chief clerk, at \$2,500.....	2,500.00	309.15
McCabe, Geo. P.....	Solicitor, at \$3,500.....	3,500.00	407.25
Wilson, Jasper.....	Private secretary to Secretary of Agriculture, at \$2,500.....	2,500.00	267.97
Reese, R. M.....	Stenographer and executive clerk, at \$2,000.....	2,000.00	.....
Reynolds, F. A.....	Stenographer to Assistant Secretary, at \$1,400.....	1,361.12	.....
Mowry, H. H.....	Private secretary to Assistant Secretary, at \$1,600.....	1,600.00	104.30
Bennett, J. B.....	Appointment clerk, at \$2,000.....	2,000.00	.....
Lower, C. B.....	Chief Supply Division, at \$2,000.....	2,000.00	.....
Guthridge, A. G.....	Telegraph and telephone operator, at \$1,400.....	1,400.00	.....
Daly, H. J.....	Telegraph and telephone operator, at \$1,200.....	1,200.00	.....
Ashley, Alex. McC.....	Inspector, at \$2,000.....	2,000.00	316.32
Roberts, R. W.....	Clerk, class 4.....	1,800.00	.....
Frickey, Irving.....	Clerk, class 3.....	1,600.00	.....
Pennybacker, I. S.....	do.....	1,600.00	.....
Wyatt, W. C.....	do.....	1,600.00	.....
Berryhill, Miriam B.....	Clerk, class 2.....	136.11	.....
Eaton, L. B.....	do.....	933.33	.....
Wilhite, C. O.....	do.....	280.00	.....
Burr, M. Helen.....	do.....	711.67	.....
Teller, D. A.....	do.....	688.34	.....
Moore, S. O.....	do.....	1,400.00	.....
Brown, Grace S.....	Clerk, class 1.....	626.67	.....
Moore, Felix T.....	do.....	550.00	.....
Clark, C. B.....	do.....	1,200.00	.....
Griffith, T. E.....	do.....	1,200.00	.....
Green, Lawrence H.....	do.....	460.00	.....
Pearce, Edw. W.....	do.....	650.00	.....
Haley, Joseph.....	do.....	1,200.00	.....
Hiatt, Frank H.....	do.....	1,200.00	.....
Ray, Thomas J.....	do.....	1,200.00	.....
Hines, Paul A.....	Clerk, at \$1,000.....	1,000.00	.....
Timberlake, W. F.....	do.....	1,000.00	.....
Breedin, Louise.....	Clerk, at \$900.....	900.00	.....
Daniels, Milton R.....	Clerk, at \$840.....	438.67	.....
Polton, Emma R.....	do.....	401.33	.....
Arnold, Mabel.....	Clerk, at \$720.....	390.00	.....
Barksdale, Susie P.....	do.....	330.00	.....
Connor, J. A.....	do.....	376.00	.....
Daniels, Milton R.....	do.....	310.00	.....
Bechtold, John M.....	do.....	20.00	.....
Gladmon, Percy L.....	do.....	310.00	.....
Taylor, A. Robena.....	do.....	354.00	.....
Hicks, Jennie M.....	do.....	330.00	.....
Morgan, R. H.....	do.....	390.00	.....
Rapier, J. H.....	do.....	720.00	.....
Williams, F. S.....	do.....	720.00	.....
Jones, Lewis.....	Chief engineer, at \$1,600.....	1,600.00	.....
McGregor, John M.....	Fireman, at \$900.....	900.00	.....
Dahler, A. L.....	Assistant fireman, at \$720.....	720.00	.....
Harris, Mordecai.....	do.....	362.00	.....
Luckett, Thomas H.....	do.....	10.00	.....
Ross, Wm. H.....	do.....	22.00	.....
Tavener, P. R.....	do.....	240.00	.....

## EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Office of the Secretary, 1908, \$119,200"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Massie, Henry	Assistant fireman, at \$720.	\$90.00	
Sprague, Frank	do.	630.00	
Guy, William	Assistant fireman, at \$600.	181.67	
Johnson, William	do.	21.67	
Williams, J. Sherman	do.	250.00	
Halley, James	Carpenter, at \$1,000.	1,000.00	
Augusterfer, Raymond	Electrician, at \$1,000.	1,000.00	
Carter, George A.	Painter, at \$900.	900.00	
Harvey, Chas. D.	Plumber, at \$900.	900.00	\$31.72
Fauroat, Wm. B.	Blacksmith, at \$840.	270.67	
Weidman, Chas. S.	do.	560.00	
Cooke, R. H.	Lieutenant of watch, at \$1,000.	1,000.00	
Arnold, Richard H.	Watchman, at \$720.	720.00	
Bean, Clarence	do.	660.00	
Boardman, J. M.	do.	720.00	
Byrnes, D. J.	do.	720.00	
Croghan, C. J.	do.	600.00	
Sprague, Frank	do.	90.00	
Emmons, Wales	do.	112.00	
Ryon, M. F.	do.	558.00	
Fairfax, Thad.	do.	720.00	
Gordon, James H.	do.	720.00	
Hall, Geo. I.	do.	720.00	
Kite, Asa H.	do.	720.00	
Moor, Wm. H.	do.	680.00	
Sill, Harry A.	do.	30.00	
Mott, H. S.	do.	558.00	
Sill, Harry A.	do.	162.00	
Morton, Emery C.	do.	720.00	
Ridgeway, B. T.	do.	720.00	
Rutledge, Thomas	do.	720.00	
Kendrick, H. M.	Mechanic, at \$1,100.	1,100.00	
Brooks, A. H.	Messenger, at \$840.	840.00	
Daniels, Milton R.	do.	39.67	
Gaskins, John H.	do.	718.67	
Harrison, Floyd R.	do.	81.67	
Hager, Peter	do.	840.00	
Mason, J. A.	do.	840.00	
Phipps, Wm. H.	do.	840.00	
Williams, Jos.	do.	840.00	
Winfield, A. M.	do.	840.00	
Harrison, Floyd R.	Assistant messenger, at \$720.	240.00	
Tompkins, Robt. R.	do.	480.00	
<i>Laborers and charwomen.</i>			
Hawkins, Alfred	Assistant messenger, at \$720.	720.00	
Skidmore, Jared F.	Skilled laborer, at \$840.	840.00	
Richards, Wm. H.	Skilled laborer, at \$720.	720.00	
Grau, E. G.	Skilled laborer, at \$660.	647.17	
Carter, W. H.	Skilled laborer, at \$600.	600.00	
Graser, S. O.	do.	525.00	
Kirksey, Wm.	do.	50.00	
Smith, C. L.	do.	600.00	
Schwab, Alvin R.	Skilled laborer, at \$480.	320.00	
Wilson, John J.	do.	134.67	
Bechtold, John M.	Assistant messenger, at \$600.	258.33	
Campbell, W. S.	do.	341.67	
Brooks, Chas. H.	do.	600.00	
Groesbeck, Danl. V. II.	do.	378.33	
Schwab, Alvin R.	do.	200.00	
Fagan, Geo. M.	Assistant messenger, at \$480.	425.33	
Priest, Jno. G.	do.	30.67	
Truxell, J. M.	Laborer, at \$600.	600.00	
Phillips, O. A.	Painter, at \$720.	720.00	
Anthony, Maria	Laborer, at \$480.	480.00	
Barrett, Martha	do.	480.00	
Bennett, Alden L.	do.	40.00	
Hill, William	do.	300.00	
Cook, Ida A.	do.	480.00	
Kelly, Mary	do.	120.00	
Martin, Mary E.	do.	360.00	
Marshall, Luler	do.	480.00	

## OFFICE OF THE SECRETARY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Office of the Secretary, 1908, \$119,200"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Laborers and charwomen—Continued.</i>			
Meek, Belle.....	Laborer, at \$480.....	\$480.00	
Mozee, Willena.....	do.....	480.00	
O'Rourke, Estelle L.....	do.....	480.00	
Perkins, Virginia.....	do.....	480.00	
Syphax, C.....	do.....	480.00	
Boss, Martha.....	Charwoman, at \$540.....	540.00	
Cross, M. C.....	Charwoman, at \$240.....	20.00	
Garner, Hosannah.....	do.....	40.00	
Kelly, Mary.....	do.....	180.00	
Johnson, Mary.....	do.....	220.00	
Lewis, Elizabeth A.....	do.....	16.66	
Loftin, Ella.....	do.....	192.00	
Meredith, Ethel.....	do.....	11.33	
Lawson, Henrietta V.....	do.....	147.33	
North, Nannie.....	do.....	20.00	
White, Mary T.....	do.....	53.33	
Shannon, Clara.....	do.....	240.00	
<i>Extra laborers, emergency employments, and pay of rents, \$7,600.</i>			
Allison, J. H.....	Unskilled laborer, at \$1.50 per diem.....	10.50	
Boss, Edward.....	do.....	10.50	
Boss, Robt. A.....	do.....	28.50	
Budd, Celik.....	do.....	6.00	
Butler, Chas. J.....	do.....	57.00	
Chapman, Jas. E.....	do.....	123.00	
Cleveland, Norman.....	do.....	36.75	
Embrey, Oscar M.....	do.....	30.00	
Gardner, Geo. M.....	do.....	24.00	
Gateley, James E.....	do.....	4.50	
Herrell, Frank A.....	do.....	39.00	
Johnson, James A.....	do.....	34.50	
Kendall, M. F.....	do.....	15.00	
Myers, Stanton E.....	do.....	57.00	
O'Connor, John J.....	do.....	37.50	
Powell, Clifton W.....	do.....	39.00	
Stewart, Wm. H.....	do.....	82.50	
Smoot, Wm. B.....	do.....	123.00	
Toulson, Chas. H.....	do.....	82.50	
Trunnel, Ashley.....	do.....	39.00	
Barnes, Charley L.....	Unskilled laborer at \$240 and \$480.....	300.00	
Burton, John.....	Unskilled laborer, at \$50 per month.....	550.00	
Fitzhugh, Wm. H.....	do.....	325.00	
Joyce, John V.....	do.....	335.00	
Madigan, Thos.....	do.....	350.00	
Rouser, Chas. E.....	Unskilled laborer, at \$60 per month.....	720.00	
Morgan, R. H.....	Laborer and clerk, at \$720.....	330.00	
Rozelle, Keith K.....	Assistant messenger, at \$1.50 per diem.....	37.50	
Brez, Colman.....	Mechanic, at \$900.....	225.00	
Barghausen, John F.....	Carpenter and cabinetmaker, at \$1,100.....	1,100.00	
Sands, John K.....	Plumber, at \$4 per diem.....	208.00	
Chew, Harry I.....	Machinist, at \$4 per diem.....	100.00	
Webb, John E.....	Electrician helper, at \$50 per month.....	188.33	
Fowler, Arthur W.....	Electrician helper, at \$3 per diem.....	108.00	
Carberry, Thos. F.....	Electric wire man, at \$3 per diem and \$75 per month.....	832.50	
Fenton, Lee.....	Electric wire man, at \$4 per diem.....	404.00	
Halloran, Chas. E.....	Electrician, at \$900.....	37.50	
Verbeck, Clyde.....	Special agent, at \$4 per diem.....	100.00	
Tyrrell, Edward.....	Temporary special inspector, at \$7.70 per diem.....	161.70	
Total salaries.....		117,919.36	
Johnson & Son, J. Harrison.....	Rent.....	300.00	

Total amount of above appropriation..... \$119,200.00  
 Total expenditure under above groups..... 118,219.36

Unexpended balance..... 980.64

## WEATHER BUREAU.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Salaries, Office of Chief of Weather Bureau, 1908, \$196,990."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses
Moore, Willis L.	Chief of bureau, at \$5,000.	\$5,000.00	\$258.38
Williams, H. E.	Assistant chief of bureau, at \$3,000.	3,000.00	78.55
Carroll, D. J.	Chief clerk, at \$2,250.	2,250.00	10.20
Cleaver, F. M.	Chief of division, at \$2,000.	2,000.00	
Church, Jno. P.	do.	2,000.00	7.13
Heiskell, Henry L.	do.	1,550.00	425.60
Page, James.	do.	450.00	
Robinson, J. H.	do.	2,000.00	55.45
Kimball, H. H.	Librarian and climatologist.	2,000.00	34.93
Day, Preston C.	Clerk, class 4.	1,395.00	
Heiskell, Henry L.	do.	405.00	
Gillam, Frank.	do.	1,500.00	
Hunt, George E.	do.	1,500.00	
Jones, J. H.	do.	1,800.00	
Maring, D. T.	do.	1,800.00	119.30
Seyboth, Robert.	do.	1,500.00	
Ashton, John C.	Clerk, class 3.	1,200.00	
Kinnear, A. H.	do.	266.67	
Bennett, M. C.	do.	1,600.00	
Day, Preston C.	do.	359.99	
Moore, Theodore T.	do.	1,240.00	
Pugh, T. O.	do.	1,600.00	
Smith, G. W.	do.	1,600.00	
Stewart, Jno. C.	do.	1,600.00	
Beall, S. W.	Clerk, class 2.	1,400.00	
Berry, Wm.	do.	1,400.00	
Beuter, Sophia A.	do.	1,400.00	
Blundon, Benjamin A.	do.	1,400.00	5.60
Donaldson, William E.	do.	1,396.11	
Dunstan, Edwin V.	do.	70.00	
Husson, Wm. M.	do.	1,197.77	
Tingley, Franklin G.	do.	116.67	
Easton, Edward C.	do.	1,400.00	
Foy, J. T.	do.	1,400.00	
Goucher, Henry	do.	1,400.00	
Holmes, Charles	do.	1,400.00	
Johnson, Enoch G.	do.	1,400.00	
Kinnear, Aaron H.	do.	1,166.66	
Marean, Delzene	do.	233.34	
Monroe, Joseph U.	do.	1,085.00	
Moore, Theodore T.	do.	315.00	
Porter, W. D.	do.	1,400.00	
Potter, S. A.	do.	1,400.00	
Smith, H. W.	do.	1,400.00	
Talman, Charles F.	do.	1,400.00	187.40
Volker, Hermann	do.	1,400.00	
Ashton, Clinton J.	Clerk, class 1.	1,200.00	
Bigham, C. Grant	do.	1,200.00	
Chapman, Mattie H.	do.	1,200.00	
Cleveland, Luman M.	do.	1,200.00	
Clough, Homer W.	do.	1,200.00	
Cook, Jas. R.	do.	1,200.00	
Cooke, Henry C.	do.	46.67	
Hunter, Herbert C.	do.	1,150.00	
Cooper, Claude C.	do.	1,200.00	
Crawford, Thomas.	do.	1,190.00	
Dunstan, Edwin V.	do.	100.00	
Tingley, Franklin G.	do.	1,100.00	
Edwards, Rowena A.	do.	876.67	
Monroe, Joseph U.	do.	270.00	
Fry, Jno. C.	do.	1,200.00	
Gardiner, I. Gwynn	do.	1,200.00	
Hercus, Alice T.	do.	1,200.00	
Hesse, Conrad E.	do.	1,200.00	
Hobbs, Hermann E.	Clerk, class 1.	1,200.00	28.78
Marean, Delzene	do.	1,000.00	
Merrill, Herbert C.	do.	200.00	
Mattison, E. M.	do.	1,200.00	
Melton, J. H.	do.	1,200.00	
Meston, R. D.	do.	1,200.00	
Minnick, S. Percy	do.	1,200.00	
Parker, William N.	do.	1,200.00	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Salaries, Office of Chief of Weather Bureau, 1908, \$196,990"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Taylor, Charles W.	Clerk, class 1	\$433.33	
Young, Frederic A.	do.	766.67	
Thompson, Arthur	do.	1,200.00	
Whiteside, J. L.	do.	1,200.00	
Wilson, Jos. B.	do.	1,200.00	
Amer, Harry L.	Clerk, at \$1,000	1,000.00	
Calvert, Samuel C.	do.	166.67	\$81.40
Merrill, Herbert C.	do.	833.33	
Diehl, Genevra B.	do.	1,000.00	
Dome, Charles E.	do.	819.44	5.10
Hunter, Herbert C.	do.	41.67	
Stone, Jesse R.	do.	136.12	
Dugan, Henry P.	do.	1,000.00	
Edwards, Rowena A.	do.	224.99	
Mills, Chester L.	do.	316.67	
Pollock, Rosswitte E.	do.	458.33	
Emery, Frank D.	do.	966.67	
Graf, Fred M.	do.	1,000.00	
Hawkins, Laura F.	do.	1,000.00	
Hotze, Ruby S.	do.	1,000.00	
Kadel, Benjamin C.	do.	1,000.00	
Lazenby, Richard O.	do.	1,000.00	
Magrum, Albert F.	do.	1,000.00	
Miller, Robert L.	do.	1,000.00	
Rausch, Gustav E.	do.	1,000.00	16.01
Rohrer, Charles W.	do.	1,000.00	
Weightman, R. Hanson.	do.	1,000.00	
Barger, Gervase J. P.	Clerk, at \$900	900.00	
Cade, William R.	do.	150.00	
Calvert, Samuel C.	do.	750.00	
Cade, William R.	do.	122.50	
Stone, Jesse R.	do.	777.50	
Dome, Charles E.	do.	37.50	
Wiest, Edward S.	do.	862.50	
Johnson, Edward H.	do.	900.00	
Long, Mary	do.	900.00	
Mills, Chester L.	do.	202.50	
Weber, William	do.	697.50	
Tracy, Anson R.	do.	900.00	27.17
Williamson, Robert M.	do.	900.00	
Buchanan, Elmer R.	Copyist, at \$840	651.00	
Weber, William	do.	189.00	
Cade, William R.	do.	550.67	
Le Duc, Louis B.	do.	114.33	
MacCallen, Lucile F.	do.	65.33	
Warren, Marie J.	do.	28.00	
Wiest, Edward S.	do.	35.00	
Yates, Nellie	do.	18.67	
Cogswell, Daniel B.	do.	840.00	104.75
Hamrick, Andy M.	do.	840.00	64.68
Peticolas, Virginia M.	Copyist, at \$720	720.00	
King, Thomas H.	Assistant foreman of division, at \$1,600	1,600.00	
Larcombe, B. F.	do.	1,600.00	
Winters, L.	Proofreader at \$1,400	1,400.00	
Tuch, C. B.	Chief mechanic, at \$1,400	1,400.00	
Long, Samuel C.	Lithographer, at \$1,300	1,300.00	
Allen, George	Lithographer at \$1,200	1,200.00	
Fraber, J. W.	do.	1,200.00	
Keough, W.	do.	1,200.00	
Ackerman, Abram A.	Pressman at \$1,250	1,250.00	
Whitman, Edgar C.	do.	1,250.00	
Buhrman, Oscar H.	Compositor, at \$1,250	1,250.00	
Burns, Charles T.	do.	1,250.00	
Cooper, Robert S.	do.	1,250.00	
Emmons, Lucius H.	do.	1,250.00	
Estes, Samuel B.	do.	1,250.00	
Farrington, W. H.	do.	1,250.00	
Green, Wm. B.	do.	1,250.00	
Hutchinson, James E.	do.	1,121.53	
Stewart, William A.	do.	128.47	
McCallum, Daniel	do.	1,234.37	
von Osterman, George F.	do.	1,250.00	

## EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1908, \$196,990"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Claveloux, F. A. ....	Skilled mechanic, at \$1,200.	\$1,200.00	
Balster, John A. ....	Skilled mechanic, at \$1,000.	861.12	\$7.10
Dillon, Edward. ....	do.	136.10	
Collins, James F. ....	do.	1,000.00	
Martin, Julius J. ....	do.	1,000.00	
Newham, Richard S. ....	do.	1,000.00	
Sharp, Stewart S. ....	do.	1,000.00	
Pilcher, C. H. ....	Engineer, at \$1,200.	1,200.00	
Johnson, Hiram. ....	Captain of watch, at \$1,000.	1,000.00	
O'Neil, Daniel F. ....	Electrician, at \$1,000.	1,000.00	
Balster, John A. ....	Skilled artisan, at \$840.	116.67	
Harvey, Wm. O. ....	do.	58.33	
Hughes, Everett H. ....	do.	665.00	
Chambers, Charles W. ....	do.	840.00	
Francis, Fred L. ....	do.	840.00	
Haynes, John M. ....	do.	840.00	
Patrick, William. ....	do.	840.00	
Thornton, Walter S. ....	do.	840.00	
Brown, Joseph. ....	Messenger or laborer, at \$720.	720.00	
Driscoll, Michael J. ....	do.	620.00	
Harvey, William O. ....	do.	100.00	
Eichelberger, Thomas H. ....	do.	719.00	
Hayes, Michael. ....	do.	720.00	
McLane, William, jr. ....	do.	720.00	
Barrett, Wm. J. ....	Fireman, at \$720.	720.00	
Hudson, James M. ....	do.	720.00	
Morton, R. H. ....	do.	720.00	
Bacon, Samuel, jr. ....	Watchman, at \$720.	720.00	
Harvey, William O. ....	do.	390.00	
Hughes, Everett H. ....	do.	150.00	
Wagner, George. ....	do.	52.00	
Sullivan, John. ....	do.	720.00	
Burns, John T. S. ....	Folder and feeder, at \$720.	420.00	
Prueser, Herman C. ....	do.	220.00	
Ford, Charles B. ....	do.	718.00	
Fowler, Archibald W. ....	do.	402.00	
Fox, Harry A. ....	do.	316.00	
Jefferson, Wesley W. ....	do.	629.00	
Smith, Thomas G. ....	do.	90.00	
Stone, Thad. ....	do.	720.00	
Carter, Wade H. ....	Folder and feeder, at \$630.	194.25	
Grosvenor, Clara E. ....	do.	242.37	
Grosvenor, Frederic L. ....	do.	67.38	
Strecker, Helen. ....	do.	88.37	
Fowler, Archibald W. ....	do.	194.25	
Hanke, Clara D. ....	do.	183.75	
Jefferson, Wesley W. ....	do.	78.75	
Keithley, John A. ....	do.	126.87	
Hoagland, Annie E. ....	do.	630.00	
Driscoll, Michael J. ....	Messenger or laborer, at \$660.	91.67	
Plummer, Wm., jr. ....	do.	568.33	
Dunmore, John A. ....	do.	537.17	
Holderith, Alois. ....	do.	55.00	
Torbert, Frank P. ....	do.	67.83	
Jones, William. ....	do.	141.17	
Scott, Isaac N. ....	do.	130.17	
Smith, Walter. ....	do.	267.66	
Tracy, Frank T. ....	do.	110.00	
Plummer, W. ....	do.	660.00	
Tait, Lemuel E. ....	do.	660.00	
Wolcott, John W. ....	do.	660.00	
Branham, E. A. ....	Messenger, messenger boy, or laborer, at \$600.	600.00	
Brown, Moses H. ....	do.	586.67	
Dalton, Samuel S. ....	do.	13.33	
Butler, Benjamin F. ....	do.	36.67	
Lowe, J. Hervey. ....	do.	131.67	
McNaught, Archibald. ....	do.	418.33	
Dalton, Samuel S. ....	do.	18.33	
Holderith, Alois. ....	do.	475.00	
Laskowski, Bernard R. ....	do.	50.00	
Parker, Walter. ....	do.	50.83	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Office of Chief of Weather Bureau, 1908, \$196,990"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dunmore, John A.....	Messenger, messenger boy, or laborer, at \$600...	\$61.67	.....
McCreight, John H.....	do.....	538.33	.....
Feigley, Joseph M.....	do.....	600.00	.....
Glover, George J.....	do.....	600.00	.....
Keller, David.....	do.....	137.49	.....
Williams, Max.....	do.....	450.00	.....
Lee, Jesse B.....	do.....	350.00	.....
Plummer, Wm., jr.....	do.....	83.33	.....
Thomas, George W.....	do.....	66.67	.....
McDermott, Edward.....	do.....	600.00	.....
Patrick, Thomas.....	do.....	600.00	.....
Stepp, John W.....	do.....	100.00	.....
Tracy, Frank T.....	do.....	500.00	.....
Washington, Rudolph.....	do.....	600.00	.....
Coe, Edmund G.....	Messenger, messenger boy, or laborer, at \$480...	30.67	.....
Priest, John G.....	do.....	329.33	.....
Williams, Max.....	do.....	120.00	.....
Gardiner, F. Gwynn.....	do.....	80.00	.....
McCreight, John H.....	do.....	49.33	.....
Stepp, John W.....	do.....	333.33	.....
Thomas, George W.....	do.....	17.33	.....
Lee, Jesse B.....	do.....	200.00	.....
Mankin, Le Roy T.....	do.....	280.00	.....
Lee Plato T.....	do.....	477.33	.....
Coe, Edmund G.....	Messenger, messenger boy, or laborer, at \$450...	351.25	.....
Primm, Paul H.....	do.....	28.75	.....
Stepp, John W.....	do.....	62.50	.....
Gardiner, F. Gwynn.....	do.....	375.00	.....
Harris, Robert.....	do.....	75.00	.....
Keller, David.....	do.....	217.50	.....
Mankin, Le Roy T.....	do.....	187.50	.....
Smith, Enos B.....	do.....	37.50	.....
Pelce, Kenneth R.....	do.....	403.75	.....
Thomas, George W.....	do.....	46.25	.....
Priest, John G.....	do.....	112.50	.....
Turner, Linwood.....	do.....	330.00	.....
Lomax, Amanda.....	Charwoman, at \$360.....	360.00	.....
Bruce, Fannie E.....	Charwoman, at \$240.....	20.00	.....
Templeton, Clara A.....	do.....	220.00	.....
Crabbs, Lydia M.....	do.....	240.00	.....
Payne, Lucy.....	do.....	240.00	.....
Total.....	.....	196,222.16	.....

Total amount of appropriation.....	\$196,990.00
Total amount paid for salaries.....	196,222.16
Unexpended balance.....	767.84

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Fuel, lights, and repairs, Weather Bureau, 1908, \$10,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Mason Safety Tread Co.....	\$183.25	Du Perow, Mortimer.....	\$116.44
Barrow, Jos. S.....	75.00	Dyer, Wm. H.....	8.30
Becker & Co., Chas.....	2.56	Espey, John B.....	3.50
Brooks Co., The E. F.....	15.25	Giehner, Earnest.....	990.50
Cady, M. S.....	117.50	Hawkins, Wm.....	11.00
Catlin Co., Elmer H.....	44.30	Heiskell & Co., P. H., jr.....	.85
Church & Stephenson.....	322.72	Hudson Electrical Supply Co.....	5.55
District of Columbia, The.....	248.76	Jorss, A. F.....	990.00
Douglas, W. H.....	10.00	Keyser, John W.....	74.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Fuel, lights, and repairs, Weather Bureau, 1908, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lambie & Co. (Incorporated), James B.	\$79.55	Schneider's Sons, C. A.	\$55.00
Leslie, Arthur	90.00	Smith, Joseph P.	8.00
Mackall Bros.	42.60	Somerville Co., Thos.	101.38
Macnichol & Son	406.00	Sturdevant Co., B. F.	168.00
Mangan, L. J.	154.70	Vermillion, E. F.	10.00
Moran Co., John	268.98	Walker Sons, J. T.	3.20
Muddiman, C. A.	.60	Welsbach Co.	21.00
Murphy Co. (Incorporated), E. J.	179.00	Young, William H.	17.55
Muth & Co., Geo. F.	8.88	Total	6,155.13
Mutual District and Messenger Co.	50.00	<i>Fuel.</i>	
National Electrical Supply Co.	\$97.51	Allegheny Co., The	3,362.12
National Mortar Co.	10.00	Harrison Coal Co.	34.00
Primus, Lewis	41.50	Total	3,396.12
Pullman Automatic Ventilator Manufacturing Co.	66.50	<i>Gas and electricity.</i>	
Rau, John C.	8.86	Washington Gaslight Co.	332.90
Reilly, Hugh	94.11		
Robertson, John	19.50		
Rowe & Son, A. C.	108.00		
Rudolph & West Co.	20.98		
Schafer & Co., E. G.	4.25		
Total amount of appropriation			\$10,000.00
Total expenditure under above groups			9,884.15
Unexpended balance			115.85

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Contingent expenses, Weather Bureau, 1908, \$10,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.	\$1.76	Browning & Middleton (Incorporated).	\$9.84
Andrews Paper Co., R. P.	506.03	Burrelles Press Clipping Bureau.	38.74
Ballantyne, R. Carter	68.03	Burton & Son, R. C. M.	11.60
Ballantyne & Sons, Wm.	4.00	Capital Traction Co., The	100.00
Bliss, Albrecht & Co. (Incorporated)	10.80	Carey Machinery & Supply Co.	9.85
Davison & Co., H. C.	61.14	Catlin Co., Elmer H.	2.72
Gregory, Mayer & Thom. Co.	28.50	Chesapeake & Potomac Telephone Co.	20.06
Library Bureau	53.50	Church & Stephenson	212.60
Lindemeyer, Phillip	8.10	Clarke Co., R. P.	36.66
Morrison Paper Co., E.	.40	Compressed Air Carpet Cleaning Co., The	26.11
Muth & Co., Geo. F.	14.60	Conger Bros. & Co.	58.57
Parker, D. Frank	90.64	Copeland Co., M. G.	15.50
Schmidt, Fred A.	17.50	Cudahy Packing Co., The	7.50
Stockette Fiske Co., The	7.50	Doone & Co., Allen	8.40
Swaze, W. L.	314.20	Douglas, W. H.	9.00
Swaze, Bailey & Co.	26.68	Dulin & Martin Co.	1.35
Union Envelope Co.	13.16	Du Perow, Mortimer	37.95
United States Envelope Co.	12.48	Dyer, Wm. H.	3.00
Total	1,239.02	Elliott, John G.	79.00
<i>Miscellaneous supplies, etc.</i>		Ergood & Co., J. C.	44.55
Acme Repair & Bicycle Co.	3.50	Fairbanks Co., The	212.50
American Mason Safety Tread Co.	186.42	Fearn, J. R.	1.25
American Multigraph Sales Co.	242.50	Felt & Tarrant Manufacturing Co.	150.00
Armour & Co.	7.80	Forker & Co., C. A.	22.12
Audit System Supplies Co., The	42.50	Frank Disinfecting Co., P. M.	20.00
Barber & Ross	10.80	Franklin & Co.	4.80
Baumgarten Co., Herman	7.95	Frazee Potomac Laundry Co.	63.86
Baumgarten & Sons, Julius	60.80	Fritch & Son, Geo. F.	15.00
Becker & Co., Chas.	6.00	Gilman, Z. D.	1.75
Becker, Conrad	59.50	Gray, Robert H.	250.00
Bowers & Daly	2.00	Harding & Upman	49.00
Brown, P. E.	3.15	Hartig, Louis	28.75
		Hayes, L. L.	145.02
		Heiskell, jr., & Co., P. H.	108.60

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Contingent expenses, Weather Bureau, 1908, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hoge & McDowell Co.....	\$315.82	Somerville Co., Thos.....	\$5.62
Holcomb Manufacturing Co., J. T.....	8.40	Stechert & Co., Gustav E.....	15.00
Home Ice Co.....	241.82	Swayze, Bailey & Co.....	19.90
Howard Manufacturing Co., H. J. M.....	20.70	Underwood Typewriter Co.....	397.79
Hutton & Hilton.....	4.45	Universal Drafting Machine Co., The.....	38.35
Hygienic Soap Granulator Co.....	15.35	Voight, Edward.....	14.75
Jorss, A. F.....	17.00	Waterbury Battery Co.....	70.00
Kahlert & Co., Albert.....	15.50	Weaver, W. T. & P. B.....	1.50
Keuffel & Essen Co.....	25.88	West Disinfecting Co.....	48.75
Keyser, John T.....	4.00	Western Electric Co.....	6.20
Killian Co., Geo. P.....	52.00	White, Fred J.....	5.50
Koernicke, Annie G.....	7.52	Woodward & Lothrop.....	10.42
Lamb & Tilden.....	17.77	Woolf & Co., C. M.....	25.00
Lambie & Co. (Incorporated), James B.....	249.84	Wurdeman & Co.....	98.75
Lansburgh & Bro.....	4.48	Zichtl & Co., A.....	3.00
Lindsay Rubber Manufacturing Co., The M.....	6.42	Total.....	6,471.69
Lutz & Co.....	173.95	<i>Furniture.</i>	
Mackall Bros.....	52.08	Akers, J. O.....	8.55
Macnichol & Son.....	3.00	Hoeke, W. H.....	41.97
Meek's Sons, S. J.....	125.75	Lansburgh Furniture and Carpet Co., The Julius.....	29.59
Mineralized Rubber Co.....	35.00	Library Bureau.....	91.00
Minnix Co. (Incorporated), N. M.....	292.50	Moses & Sons, W. B.....	602.57
Monarch Typewriter Co.....	89.00	Reilly, Hugh.....	2.55
Moran Co., John.....	12.00	Wiegand, Martin.....	450.00
Moses & Sons, W. B.....	118.65	Woodruff Manufacturing Co.....	39.00
Mudd & Bro., D. H.....	16.25	Woodward & Lothrop.....	48.50
Muddiman, C. A.....	3.50	Total.....	1,313.73
Mullin, Edward.....	17.50	<i>Express.</i>	
Murphy & Co. (Incorporated), E. J.....	8.30	Adams Express Co.....	125.92
Muth & Co., Geo. F.....	53.49	U. S. Express Co.....	139.38
National Electrical Supply Co.....	115.78	Total.....	265.30
Naurath, J. P.....	12.07	<i>Telephone.</i>	
Newman, E. S.....	1.50	Chesapeake and Potomac Telephone Co.....	482.20
Postmaster, Washington, D. C.....	609.00	<i>Apparatus, instruments, and laboratory material.</i>	
Pullman, E. J.....	42.74	Bausch & Lomb Optical Co.....	.68
Rand, McNally & Co.....	14.00		
Rau, John C.....	23.76		
Reilly, Hugh.....	35.00		
Remington Typewriter Co.....	43.30		
Rhodes Manufacturing Co.....	2.75		
Robertson, John.....	4.00		
Rotograph Co., The.....	6.07		
Rudolph & West Co.....	94.46		
Schafer & Co., E. G.....	.40		
Schmidt, Fred A.....	30.10		
Seth Thomas Clock Co.....	14.00		
Smith-Premier Typewriter Co.....	59.45		
Smithsonian Institution, The.....	156.29		
Total amount of appropriation.....	\$10,000.00		
Total expenditures under above groups.....	9,772.62		
Unexpended balance.....	227.38		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Abbe, Cleveland.....	Professor of meteorology, at \$3,000.....	\$3,000.00	\$20.50
Bigelow, Frank H.....	.....do.....	3,000.00	852.92
Frankenfield, Harry C.....	.....do.....	3,000.00	840.95
Garriott, Edward B.....	.....do.....	3,000.00	197.78
Henry, Alfred J.....	.....do.....	3,000.00	91.81
Marvin, Charles F.....	.....do.....	3,000.00	136.75
Berry, James.....	Chief of climatological division, at \$2,750.....	2,750.00	.....
Geddings, Richard M.....	Observer, at \$1,200 and \$1,400.....	1,366.67	.....
Total.....	.....	22,116.67	.....
<i>Out of Washington.</i>			
Cox, Henry J.....	Professor of meteorology, at \$3,000.....	3,000.00	320.65
McAdie, Alexander G.....	.....do.....	3,000.00	473.13
Humphreys, William J.....	Professor of meteorological physics, at \$3,000.....	3,000.00	367.71
Conger, Norman B.....	Inspector, at \$2,500.....	2,500.00	904.41
Hersey, Henry B.....	.....do.....	1,812.50	787.63
Beals, Edward A.....	District forecaster, at \$2,400.....	2,400.00	779.28
Brandenburg, Fredk. H.....	.....do.....	2,400.00	286.75
Cline, Isaac M.....	.....do.....	2,400.00	179.67
Emery, Eben H.....	.....do.....	2,400.00	247.60
Smith, John W.....	.....do.....	2,400.00	161.20
Walz, Ferdinand J.....	.....do.....	2,400.00	23.06
Bowie, Edward H.....	Local forecaster, at \$2,000.....	2,000.00	305.37
Cuthbertson, David.....	.....do.....	2,000.00	176.07
Kenealy, James.....	.....do.....	2,000.00	33.25
Pennywitt, Henry.....	.....do.....	2,000.00	32.50
Smith, J. Warren.....	Section director, at \$2,000.....	2,000.00	148.03
Townsend, Theodore F.....	.....do.....	2,000.00	28.35
Marbury, John B.....	Section director, at \$1,800 and \$2,000.....	1,633.33	90.45
Fassig, Oliver L.....	Section director, at \$1,800, and research director, at \$2,000.....	1,833.33	49.75
Bassler, Simon S.....	Local forecaster, at \$1,800.....	1,800.00	8.54
Connor, Patrick.....	.....do.....	1,800.00	78.30
Gray, James J.....	.....do.....	1,800.00	178.50
Tarr, Leonard M.....	.....do.....	1,800.00	29.20
Chappel, George M.....	Local forecaster, at \$1,800, and section director, at \$1,000.....	1,400.00	121.27
Blythe, William T.....	Section director, at \$1,800.....	1,800.00	219.17
Bunnemeyer, B.....	.....do.....	1,800.00	235.45
Chaffee, Frank P.....	.....do.....	1,800.00	20.07
Evans, Edward A.....	.....do.....	1,800.00	20.25
Hyatt, Robert J.....	.....do.....	1,800.00	101.75
Loveland, George A.....	.....do.....	1,800.00	43.22
Mitchell, Alexander J.....	.....do.....	1,800.00	98.55
Pursell, Ulysses G.....	.....do.....	1,800.00	217.32
Salisbury, George N.....	.....do.....	1,800.00	263.20
Schneider, Charles F.....	.....do.....	1,800.00	167.31
Stockman, William B.....	.....do.....	1,800.00	440.83
von Herrmann, Charles F.....	.....do.....	1,800.00	36.33
Wilson, Wilford M.....	.....do.....	1,800.00	55.18
Blair, William R.....	Research observer, at \$1,600 and \$1,800.....	1,750.00	365.64
Blystone, Montello E.....	Local forecaster, at \$1,600.....	1,600.00	91.23
Boyer, Harry B.....	.....do.....	1,600.00	6.10
Currier, William S.....	.....do.....	1,600.00	1.85
Demain, Edward R.....	.....do.....	1,600.00	.....
Dey, Luther M.....	.....do.....	1,600.00	1.20
Emery, Samuel C.....	.....do.....	1,600.00	22.75
Grant, Robert Q.....	.....do.....	1,600.00	14.27
Sherier, Julius M.....	.....do.....	1,600.00	101.10
Todd, George T.....	.....do.....	1,600.00	8.94
Welsh, Lucius A.....	.....do.....	1,600.00	.....
Willson, George H.....	.....do.....	1,600.00	19.30
Wollaber, Arthur B.....	.....do.....	1,600.00	344.62
Alciatore, Henry F.....	Section director, at \$1,600.....	1,600.00	170.15
Bate, Henry C.....	.....do.....	1,600.00	25.06
Belden, William S.....	.....do.....	1,600.00	144.94
Burns, William G.....	.....do.....	1,600.00	219.75
Glenn, Samuel W.....	.....do.....	1,600.00	90.01

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jennings, Thorp B.	Section director, at \$1,600.	\$1,600.00	\$23.28
Jesunofsky, Lewis N.	do.	1,600.00	52.36
Palmer, Walter S.	do.	1,600.00	56.18
Thiessen, Alfred H.	do.	1,600.00	107.85
Alexander, William H.	Local forecaster, at \$1,400.	1,400.00	67.70
Armington, John H.	do.	1,400.00	18.84
Ashenberger, Albert	do.	1,400.00	22.05
Brand, Albert	do.	1,400.00	2.90
Bridges, Theodore L.	do.	1,400.00	.....
Buell, Allen	do.	1,400.00	2.00
Carpenter, Ford A.	do.	1,400.00	4.60
Cover, Louis C.	do.	1,400.00	8.69
Daingerfield, Lawrence H.	do.	1,400.00	2.45
Devereaux, William C.	do.	1,400.00	120.47
Dudley, William M.	do.	1,400.00	20.18
Hayes, Montrose W.	do.	1,400.00	269.68
Hazen, John S.	do.	1,400.00	75.50
Jones, Edward P.	do.	1,400.00	88.45
Lodholz, Louis.	do.	1,400.00	48.05
McDonough, Patrick.	do.	1,400.00	.....
Neifert, William W.	do.	1,400.00	32.80
Nichols, Esek S.	do.	1,400.00	.92
Noyes, G. Harold.	do.	1,400.00	4.52
Nunn, Roscoe	do.	1,400.00	18.34
Oberholzer, George R.	do.	143.89	.....
Pindell, Lewis M.	do.	1,400.00	30.75
Reed, Charles D.	do.	1,400.00	16.10
Richardson, Herbert W.	do.	1,400.00	36.50
Sanford, Morgan R.	do.	1,400.00	88.02
Scarr, James H.	do.	1,400.00	210.35
Shaw, William A.	do.	1,400.00	.....
Spencer, James H.	do.	1,400.00	39.65
Stewart, Charles	do.	1,400.00	6.05
Sullivan, Richard H.	do.	1,400.00	16.65
Taylor, Nathaniel R.	do.	1,400.00	84.05
Thompson, Charles D. C.	do.	1,400.00	18.94
Voorhees, John F.	do.	1,400.00	51.47
Weeks, John R.	do.	1,400.00	27.55
Williams, Frank T.	do.	1,073.33	.....
Wurtz, George B.	do.	1,400.00	6.20
Montgomery, Frank	Observer, at \$1,200, and local forecaster, at \$1,400.	1,216.67	93.90
Bauer, Jacob W.	Section director, at \$1,400.	1,400.00	30.82
Geren, Harry O.	do.	1,400.00	102.40
Howe, Henry C.	do.	1,400.00	22.10
Judkins, Levi A.	do.	1,400.00	41.44
Reeder, George.	do.	1,400.00	59.39
Roberts, Orris W.	do.	1,400.00	203.37
Slaughter, J. Pemberton.	do.	1,400.00	322.69
Wells, Edward L.	do.	1,400.00	284.45
Young, R. Frank.	do.	1,400.00	230.95
Hardinge, Robert M.	Observer, at \$1,200, and section director, at \$1,400.	1,341.66	51.34
Miller, Eric R.	Research observer, at \$1,400.	1,400.00	226.53
Young, Frederic A.	do.	505.55	3.50
Abbe, Cleveland, jr.	Observer, at \$1,200, and research observer, at \$1,400.	1,233.33	437.23
Anderson, Robert L.	Observer, at \$1,200.	1,200.00	.....
Baldwin, Harrison McP.	do.	1,200.00	.....
Bartlett, James L.	do.	1,200.00	21.90
Bell, Aaron H.	do.	1,200.00	5.25
Bell, William	do.	1,200.00	1.25
Bennett, Walter J.	do.	1,200.00	10.49
Blagden, John D.	do.	1,200.00	.....
Bliss, George S.	do.	1,200.00	.....
Bolton, Joseph P.	do.	1,200.00	.....
Brist, Frederick W.	do.	1,200.00	.....
Brown, Edward A.	do.	1,200.00	86.35
Burns, Alexander G.	do.	1,200.00	32.93
Burrows, Orville C.	do.	1,200.00	.....
Byram, John W.	do.	1,200.00	5.05

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cavanagh, William C.....	Observer, at \$1,200.....	\$1,166.67	.....
Church, Verne H.....	do.....	1,200.00	.....
Cline, Joseph L.....	do.....	1,100.00	\$14.95
Coleman, Frank H.....	do.....	1,200.00	.....
Collins, Thomas S.....	do.....	776.67	4.00
Connell, Maurice.....	do.....	1,200.00	.....
Conrad, Frederick W.....	do.....	1,200.00	.....
Craig, John.....	do.....	1,200.00	.....
Cronk, James W.....	do.....	1,200.00	5.60
Cunningham, Noble M.....	do.....	1,200.00	165.50
Davis, T. Frederick.....	do.....	1,066.67	.....
Davis, William.....	do.....	1,200.00	.....
Denson, Lee A.....	do.....	1,200.00	21.35
Doherty, Cornelius J.....	do.....	1,200.00	76.91
Dorman, Louis.....	do.....	1,200.00	10.95
Emigh, Eugene D.....	do.....	1,200.00	17.09
Fallon, W. H.....	do.....	1,200.00	2.29
Felger, G. W.....	do.....	1,200.00	1.10
Fisher, David.....	do.....	1,200.00	6.00
Fitzgerald, John.....	do.....	1,200.00	.....
Fuller, Merton L.....	do.....	1,200.00	11.55
Fuller, William D.....	do.....	1,200.00	.....
Garrett, Charles C.....	do.....	1,186.67	.....
Gosewisch, Frederick Z.....	do.....	1,200.00	5.60
Groce, Arthur V.....	do.....	1,190.00	.....
Grover, John.....	do.....	1,200.00	91.40
Guthrie, Leon J.....	do.....	1,200.00	54.10
Hadley, Olin M.....	do.....	1,200.00	8.00
Hass-Hagen, George.....	do.....	1,200.00	13.25
Hooper, John K.....	do.....	1,200.00	.....
Hyle, Charles A.....	do.....	1,200.00	57.37
Kirk, Joseph M.....	do.....	1,200.00	.....
Landis, Dennis S.....	do.....	1,200.00	6.65
Lane, Nathan D.....	do.....	1,200.00	.....
Lehman, William F.....	do.....	1,200.00	18.25
Lindgren, Gustave S.....	do.....	1,200.00	.....
Lindley, Robert T.....	do.....	1,200.00	8.54
Linsley, Julius G.....	do.....	1,200.00	.....
McCallum, Daniel P.....	do.....	1,200.00	8.65
Martin, William V.....	do.....	1,200.00	.....
Maxwell, William D.....	do.....	1,200.00	.....
Mitchell, William A.....	do.....	1,200.00	5.80
Mosby, Samuel L.....	do.....	1,200.00	10.80
Murphy, Daniel C.....	do.....	1,200.00	.....
Newman, Fitzhugh.....	do.....	523.33	.....
Newsom, John F.....	do.....	1,200.00	29.48
Nimmo, E. Herbert.....	do.....	1,200.00	.....
O'Connor, Gerald J.....	do.....	1,200.00	.....
Patrick, Henry R.....	do.....	1,200.00	.....
Randall, Albert V.....	do.....	1,200.00	15.71
Reed, William F., Jr.....	do.....	1,200.00	1.96
Root, Clarence J.....	do.....	1,200.00	.....
Row, Edwin E.....	do.....	1,200.00	.....
Schaeffer, John W.....	do.....	1,200.00	.....
Scott, Geo. W.....	do.....	1,166.67	.....
Seeley, Dewey A.....	do.....	1,200.00	57.50
Smith, Horace E.....	do.....	1,200.00	15.60
Stewart, William P.....	do.....	1,200.00	222.31
Stubbs, Martin B.....	do.....	1,200.00	17.04
Summers, Melvin B.....	do.....	1,200.00	.....
Taylor, Charles W.....	do.....	766.67	63.45
Thompson, Edwin C.....	do.....	1,200.00	35.41
Todd, Hubert G.....	do.....	1,150.00	.....
Vanderpool, Jesse L.....	do.....	1,200.00	.....
Vose, Elisha C.....	do.....	1,200.00	5.00
Waldron, Bion L.....	do.....	1,200.00	11.80
Watson, James M.....	do.....	1,200.00	.....
Widmeyer, James I.....	do.....	1,200.00	2.75
Wiesner, Abe.....	do.....	1,200.00	19.46
Williams, John R.....	do.....	1,200.00	16.50

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wilson, George N.	Observer, at \$1,200.	\$1,200.00	\$7.85
Wood, Charles S.	do.	1,200.00	74.42
Bonnett, Walter E.	Assistant observer, at \$1,000, and observer, at \$1,200.	1,016.66	9.90
Cole, Harvey S.	do.	1,108.88	54.45
Eshleman, Cyrus H.	do.	1,016.66	.....
Hartwell, F. Eugene.	do.	1,050.00	133.06
Olds, William J.	do.	1,107.78	12.10
Ryker, John N.	do.	1,072.22	94.33
Spencer, Eugene E.	do.	970.00	58.40
Briscoe, Henry C.	Printer, at \$1,000, and observer, at \$1,200.	1,183.33	.....
Carter, Harry G.	do.	1,166.66	.....
Reed, John M.	Skilled mechanic, at \$1,200.	1,200.00	77.75
Bright, Charles B.	Printer, at \$1,200.	153.33	.....
Groene, Ernest F.	do.	1,200.00	16.25
Hurley, John F.	do.	1,200.00	.....
Nichols, Augustus B.	do.	1,200.00	26.45
Nichols, John F.	do.	1,200.00	.....
Reynick, Alexander.	do.	1,200.00	.....
Shomo, Oscar V.	do.	1,200.00	.....
Stewart, John S.	do.	1,200.00	.....
Sullivan, Daniel P.	do.	1,093.33	.....
Sage, John R.	Section director, at \$1,000.	1,000.00	.....
Alps, Henry F.	Assistant observer, at \$1,000.	36.11	.....
Bailey, Wayland.	do.	1,000.00	.....
Barron, William E.	do.	1,000.00	13.15
Beates, James W.	do.	1,000.00	.....
Blue, Otto L.	do.	286.11	.....
Bradley, James A.	do.	1,000.00	.....
Briggs, Robert R.	do.	1,000.00	11.05
Brockway, Albert L.	do.	1,000.00	464.72
Clark, William F.	do.	1,000.00	.....
Coberly, Edward D.	do.	1,000.00	.....
Considine, Thomas J.	do.	1,000.00	6.55
Covert, Roy N.	do.	1,000.00	.....
Crosby, Arthur W.	do.	1,000.00	.....
Davis, Albert J.	do.	1,000.00	.....
Day, Walcott L.	do.	1,000.00	6.83
Dean, Robert H.	do.	1,000.00	.....
Dewing, Charles R.	do.	1,000.00	368.25
Dick, Harvey B.	do.	1,000.00	6.95
Dill, Charles.	do.	1,000.00	.....
Disterdick, Fred L.	do.	1,000.00	.....
Donnel, Charles A.	do.	1,000.00	.....
Dosher, Samuel L.	do.	1,000.00	.....
Eddey, Geo. W.	do.	1,000.00	.....
Faulhaber, Charles E.	do.	1,000.00	.....
Field, George F.	do.	1,000.00	.....
Fisher, Lawrence C.	do.	1,000.00	.....
Flora, Snowden D.	do.	1,000.00	.....
Frise, Harry A.	do.	1,000.00	.....
Gibson, Thomas.	do.	1,000.00	5.50
Grasse, Herchmer W.	do.	1,000.00	30.94
Gray, Richard W.	do.	1,000.00	.....
Green, William H.	do.	1,000.00	.....
Gregg, Willis R.	do.	1,000.00	151.87
Grimes, George E.	do.	1,000.00	23.79
Grunow, Dexter.	do.	1,000.00	3.50
Hackett, Arthur E.	do.	1,000.00	.....
Hackett, Sumner.	do.	1,000.00	5.15
Hardin, Hal. P.	do.	1,000.00	.....
Hayden, Julius C.	do.	1,000.00	4.05
Hobbs, Everett C.	do.	991.67	64.52
Holcomb, Howard K.	do.	1,000.00	.....
Horton, Edgar C.	do.	1,000.00	.....
Jaki, Vincent E.	do.	1,000.00	.....
Jermin, Frank.	do.	1,000.00	35.41
Kelliher, John J.	do.	1,000.00	12.35

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kimball, James H.	Assistant observer, at \$1,000	\$1,000.00	
Lathrop, William T.	do.	480.55	\$18.30
Lawton, George E.	do.	947.23	14.85
Legler, Hugo.	do.	938.88	19.35
Ling, Charles W.	do.	1,000.00	2.40
McDowall, Gilbert W.	do.	1,000.00	22.00
McGann, E. W.	do.	1,000.00	5.75
McGuiness, Wm. C.	do.	1,000.00	
McLean, John J.	do.	1,000.00	15.80
Mills, Chester L.	do.	94.44	
Mitchell, Charles L.	do.	1,000.00	
O'Donnell, John J.	do.	1,000.00	23.25
Pickels, Alfred C.	do.	1,000.00	31.07
Piercy, Joseph C.	do.	1,000.00	11.70
Pollock, Rosswitte E.	do.	166.68	186.95
Powell, Robert P.	do.	1,000.00	
Reed, William J.	do.	1,000.00	
Richardson, Charles H.	do.	1,000.00	10.15
Roberts, Richard P.	do.	255.55	
Robins, Millard V.	do.	1,000.00	
Robinson, Milton A.	do.	561.11	21.80
Roche, Henry H.	do.	1,000.00	
Schlomer, William B.	do.	1,000.00	
Schoil, Walter H.	do.	1,000.00	
Schoppe, William J. A.	do.	1,000.00	69.75
Scott, James H.	do.	1,000.00	
Simons, William U.	do.	1,000.00	3.30
Sloan, Jay B.	do.	1,000.00	
Smith, James H.	do.	1,000.00	5.00
Strong, Charles M.	do.	1,000.00	21.80
Summey, Albert F.	do.	227.77	2.30
Sutton, Leon G.	do.	1,000.00	793.29
Taylor, Thomas R.	do.	1,000.00	
Teeple, Arthur R.	do.	1,000.00	
Thomas, Walter W.	do.	1,000.00	36.95
Whitman, Ozias	do.	1,000.00	
Wright, Marsden.	do.	1,000.00	9.05
Burns, Edward T.	Assistant observer, at \$840 and \$1,000.	966.67	
Ross, Lewis C.	do.	966.67	77.32
Stewart, Oscar D.	do.	853.34	21.35
Blackburn, Everett	Printer, at \$1,000.	311.11	
Burke, Ethelbert C.	do.	1,000.00	
Harris, John B.	do.	638.90	
Hutchison, James E.	do.	102.77	117.65
Melver, Evander M.	do.	213.88	
McWhorter, Lawrence L.	do.	1,000.00	
Madden, Samuel H.	do.	1,000.00	
Meacham, Aldah A.	do.	802.78	39.80
Newton, Jefferson D.	do.	300.00	
Pugh, Arthur W.	do.	1,000.00	47.25
Sandridge, Norman.	do.	791.67	
Smith, Edgar A.	do.	1,000.00	
Smith, Thomas G.	do.	875.01	7.45
Snyder, Joseph B.	do.	1,000.00	81.55
Taylor, Richard E.	do.	750.00	
Mize, Ralph C.	Operator, at \$1,000.	1,000.00	
Atto, Ora O.	Assistant observer, at \$840.	840.00	
Bily, Joseph, jr.	do.	840.00	8.25
Cambridge, Louis A.	do.	840.00	
Campfield, Louis M.	do.	840.00	8.70
Conway, M. E.	do.	840.00	5.04
Dyke, Ray A.	do.	840.00	
Eddy, Nathan S.	do.	455.00	
Faulk, Maurice C.	do.	767.66	73.03
Fisher, Ray L.	do.	840.00	
Flattery, Charles W.	do.	840.00	6.90
Garrett, Arthur W.	do.	840.00	
Gittings, Edwin B., jr.	do.	840.00	
Glass, Elvin J.	do.	840.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gross, Henry C.	Assistant observer, at \$840.	\$840.00	
Haines, Ernest H.	do.	835.33	\$52.05
Hare, Walter B.	do.	840.00	
Harn, George U., jr.	do.	840.00	
Jones, Harris A.	do.	835.33	
Jones, James.	do.	840.00	
Kincer, Joseph B.	do.	840.00	
McLeary, Frank E.	do.	840.00	
Nesmith, Mark T.	do.	840.00	
Norquest, Clinton E.	do.	840.00	
Parker, Orin.	do.	840.00	13.55
Passallaigue, Louis F.	do.	840.00	
Sager, George V.	do.	835.33	
Scott, Robert A.	do.	221.66	
Sherry, Bertram J.	do.	840.00	92.75
Shilling, Alphonso W.	do.	840.00	
Shipman, Truman G.	do.	756.00	
Smith, Ralph W.	do.	840.00	13.85
Spindler, Harry H.	do.	754.84	42.15
Sprague, Malcolm.	do.	835.33	
Vail, Herbert E.	do.	840.00	
Webert, Louis P.	do.	149.33	
Boyle, James A.	Assistant observer, at \$720 and \$840.	815.00	
Coleman, Bert S.	do.	330.00	26.40
Cornthwaite, Homer G.	do.	284.49	67.50
Garrason, John S.	do.	820.00	
Grafton, H. Brooks.	do.	810.00	
Hurd, Willis E.	do.	815.00	
Johnson, Harley N.	do.	730.00	9.80
Kinser, William C.	do.	810.00	
Long, Francis.	do.	636.00	
McKenzie, Herbert W.	do.	820.00	5.88
Marks, Harris A.	do.	820.00	107.20
Schworm, Stanley S.	do.	820.00	
Toole, John P.	do.	815.00	
Grant, Charles C.	Assistant observer, at \$840, and messenger, at \$720.	820.00	
Rogers, Luther.	Expert in vessel reporting, at \$840.	840.00	
Parrott, Loring S.	Repairman, at \$840 and \$720.	820.00	20.75
Andree, Hermann J.	Assistant observer, at \$720.	390.00	
Ball, Homer W.	do.	720.00	
Blair, Thomas A.	do.	714.00	
Blake, Dean.	do.	720.00	
Bormann, Walter R.	do.	720.00	15.28
Brotzman, William S.	do.	720.00	
Buchanan, Elmer R.	do.	162.00	27.00
Cade, William R.	do.	30.00	4.15
Callin, Clement C.	do.	720.00	138.33
Chancellor, Thomas J.	do.	720.00	
Clark, Raymond E.	do.	720.00	66.64
Collins, Paul.	do.	2.00	
Collom, McLin S.	do.	720.00	37.70
Correll, George E.	do.	452.00	53.23
Cowdrick, Howard B.	do.	566.00	
Cushing, Frederick S.	do.	592.00	39.25
Dusseauit, Joseph A.	do.	718.00	
Firestone, Timothy D.	do.	720.00	13.79
Goerlich, Aaron A.	do.	4.00	
Greening, Gershom K., jr.	do.	720.00	
Grove, Earl M.	do.	598.00	
Hallenbeck, Cleve.	do.	720.00	109.20
Hammonds, Oscar H.	do.	598.00	5.50
Hart, Howard G.	do.	720.00	34.30
Heckathorn, Charles E.	do.	720.00	50.20
Heinz, Charles.	do.	8.00	
Hess, Paul.	do.	720.00	154.65
Hissong, John E.	do.	504.00	
Hovde, Martin R.	do.	720.00	
Howard, Mark S.	do.	720.00	59.60
Jaqua, James H.	do.	720.00	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Justice, Alonzo A. ....	Assistant observer, at \$720.....	\$720.00	.....
Kichline, Herbert E. ....	do.....	720.00	.....
Lady, George W. ....	do.....	720.00	.....
Lockwood, John E. ....	do.....	32.00	.....
Lomasney, John B. ....	do.....	720.00	.....
Lyman, Herbert.....	do.....	720.00	\$10.50
Marean, Edwin F. ....	do.....	720.00	33.54
Math, Frank A. ....	do.....	720.00	5.33
McClelland, Harold.....	do.....	448.00	.....
Mindling, George W. ....	do.....	596.00	.....
Moxon, Walter J. ....	do.....	720.00	28.30
Nolen, Edward L. ....	do.....	12.00	.....
Palm, John D. ....	do.....	720.00	160.40
Paterson, George.....	do.....	720.00	72.95
Pelsma, John R. ....	do.....	112.00	.....
Peterman, Elton.....	do.....	720.00	50.95
Peterson, Samuel P. ....	do.....	592.00	33.30
Pitman, George W. ....	do.....	30.00	.....
Reed, Wesley W. ....	do.....	684.00	.....
Richards, George M. ....	do.....	720.00	106.67
Rule, James G. ....	do.....	116.00	.....
Scott, Arthur H. ....	do.....	32.00	.....
Shaver, Robert M. ....	do.....	574.00	.....
Thomas, Ralph W. ....	do.....	16.00	.....
Thompson, E. Herbert.....	do.....	720.00	.....
Thomson, Alfred R. ....	do.....	378.00	52.55
Thorson, Arthur R. ....	do.....	720.00	55.62
Tracy, William H. ....	do.....	720.00	.....
Tullsen, Herbert.....	do.....	38.00	.....
Turner George E. ....	do.....	720.00	.....
West, Ralph C. ....	do.....	720.00	31.85
Whittier, Bernard B. ....	do.....	552.00	64.65
Wills, Harry M. ....	do.....	711.00	26.65
Woodworth, Charles A. ....	do.....	720.00	.....
Wyland, Will L. ....	do.....	720.00	.....
Yeager, Everett E. ....	do.....	720.00	17.60
Harris, Ralph E. ....	Messenger, at \$600, and assistant observer, at \$720.....	700.00	30.80
Evans, Budd.....	Messenger boy, at \$480, and assistant observer, at \$720.....	646.00	.....
Howell, Harry M. ....	do.....	670.67	.....
Meaker, Kenneth.....	do.....	680.00	.....
Viehman, Theodore A. ....	Messenger boy, at \$360, and assistant observer, at \$720.....	376.00	.....
Christman, William W. ....	Messenger, at \$720.....	720.00	.....
Van Vradenburg, Marion B. ....	do.....	720.00	.....
Burn, Arthur A. ....	Messenger, at \$600 and \$720.....	700.00	.....
Minehart, Elmo M. ....	do.....	690.00	.....
Beesley, George.....	Repairman, at \$720.....	300.00	.....
Dosher, Joseph J. ....	do.....	720.00	63.12
Drinkwater, Alpheus.....	do.....	652.00	1.46
Johnson, Clifton E. ....	do.....	7.00	3.50
Rasmussen, Marius.....	do.....	720.00	40.45
Rasmussen, Wiggo.....	do.....	450.00	14.91
Simpson, Walter W. ....	do.....	716.00	.....
Warner, Ray C. ....	do.....	720.00	34.85
Carey, James.....	Messenger, at \$600.....	346.00	.....
Chamberlain, Charles E. ....	do.....	548.34	.....
Connaroe, Henry.....	do.....	600.00	.....
Dey, Laura M. ....	do.....	50.00	.....
Featherstone, George D. ....	do.....	35.00	.....
Fischer, Frank W. ....	do.....	600.00	.....
Freas, Howard E. ....	do.....	600.00	.....
Jacobs, Henry W. ....	do.....	333.33	.....
Lopez, Joseph.....	do.....	600.00	.....
May, George A. ....	do.....	366.67	.....
Weber, Clara.....	do.....	600.00	.....
Williams, Robert C. ....	do.....	600.00	.....
Lowe, J. Hervey.....	Messenger boy, at \$480, and messenger, at \$600.....	388.33	4.10
Walker, Richard.....	do.....	458.00	53.75
Gaskins, Willie H. ....	Repairman, at \$600.....	586.66	26.75

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908; \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kelley, Andrew J. ....	Unclassified laborer, at \$600 .....	\$600.00	
Baxter, Dahl .....	Unclassified laborer, at \$480 .....	480.00	\$17.50
Kelley, John M. ....	do .....	480.00	
Ackelov, Fred H. ....	Messenger or messenger boy, at \$480 .....	480.00	
Adams, Judson D. ....	do .....	452.00	
Axelson, Gosta. ....	do .....	338.67	
Bailey, Herbert A. ....	do .....	480.00	
Baston, Thornton J. ....	do .....	108.00	
Buss, William. ....	do .....	155.00	
Butler, Benjamin F. ....	do .....	445.67	25.30
Dearing, Eura M. ....	do .....	242.67	
De Ment, Harry C. ....	do .....	480.00	
Dillon, Charles F. ....	do .....	152.00	
Dorr, Howard M. ....	do .....	480.00	
Foster, John C. ....	do .....	160.00	
Hartwig, Walter C. ....	do .....	26.67	
Hauber, Oscar H. ....	do .....	480.00	
Hoefler, Fred C. ....	do .....	120.60	
Holcomb, Edward W. ....	do .....	480.00	
Jenne, Wesley W. ....	do .....	280.00	
Laskowski, Bernard R. ....	do .....	440.00	24.80
Lehning, Charlie T. ....	do .....	480.00	
Lind, Harold V. ....	do .....	480.00	
Mitchell, Theodore C. ....	do .....	480.00	
Moore, Roscoe C. ....	do .....	68.00	
Murphy, Frank C. ....	do .....	360.00	
Oates, Walter A. ....	do .....	480.00	
Olsen, Edward J. ....	do .....	480.00	
Parry, Bennie. ....	do .....	480.00	
Ross, Ida. ....	do .....	245.33	
Stephens, Thomas. ....	do .....	106.67	
Towner, Noble. ....	do .....	480.00	
Webb, Roy G. ....	do .....	240.00	
Weber, Fred. ....	do .....	240.00	
Whedon, Charles T. ....	do .....	80.00	
Woods, Raymond. ....	do .....	100.00	
Bassinger, Henry C. ....	Messenger or messenger boy, at \$360 and \$480. ....	460.00	
Fitz John, Harry A. ....	do .....	380.00	
Howie, J. Edward. ....	do .....	460.00	
Kautz, Albert G. J. ....	do .....	420.00	
Larkin, Harry J. ....	do .....	425.33	
Rhea, William E. ....	do .....	470.00	
Scott, John E. ....	do .....	430.00	28.18
Selley, Harvey L. ....	do .....	460.00	
Acton, Clarence W. ....	Messenger boy, at \$360. ....	207.00	
Ahearn, Frank H. ....	do .....	360.00	
Allen, Harold G. ....	do .....	90.00	
Allen, Forest W. ....	do .....	266.00	
Alston, Samuel G. ....	do .....	90.00	
Akin, Claud L. ....	do .....	78.00	
Augustin, James G. ....	do .....	360.00	
Bach, Frank T. ....	do .....	165.00	
Barrie, Roy A. ....	do .....	250.00	
Beavers, Thomas H. B. ....	do .....	360.00	
Bentley, George J. ....	do .....	360.00	
Buchanan, Le Roy H. ....	do .....	131.00	
Cannon, Joseph W., jr. ....	do .....	127.00	
Carney, Thomas A. ....	do .....	60.00	
Caton, Orpha. ....	do .....	111.00	
Clark, Roy. ....	do .....	126.00	
Cohen, Sylvan. ....	do .....	39.00	
Cooke, S. Wilminor. ....	do .....	360.00	
Crump, Edward F. C. ....	do .....	30.00	
Burkhardt, Walter. ....	do .....	311.00	
Czechowicz, John. ....	do .....	27.00	
Davies, Philip M. ....	do .....	360.00	
Davis, Frank E. ....	do .....	69.00	
Delay, Raymond. ....	do .....	30.00	
Desmond, Leonard. ....	do .....	360.00	
Dewar, Edwin S. ....	do .....	53.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dix, Russell H. ....	Messenger boy, at \$360. ....	\$360. 00	.....
Doran, Fred J. ....	do. ....	290. 00	.....
Drew, Richard. ....	do. ....	239. 00	.....
Dunn, Cleon A. ....	do. ....	76. 00	.....
Edstrom, Arthur. ....	do. ....	305. 00	.....
Emrich, John F. ....	do. ....	197. 00	.....
Finch, Floyd F. ....	do. ....	47. 00	.....
Finch, Verne E. ....	do. ....	360. 00	.....
Fisher, Albert R. ....	do. ....	270. 00	.....
Fowler, Ralph L. S. ....	do. ....	180. 00	.....
Fratcher, Edward. ....	do. ....	360. 00	.....
Frattner, Emanuel. ....	do. ....	3. 00	.....
Golden, Raymond. ....	do. ....	25. 00	.....
Gormley, Joseph G. ....	do. ....	330. 00	.....
Greene, William M. ....	do. ....	202. 00	.....
Grosjean, Andrew C. ....	do. ....	360. 00	.....
Halstead, Harold G. ....	do. ....	360. 00	.....
Hanna, George V. ....	do. ....	16. 00	.....
Hannibal, Thomas, jr. ....	do. ....	18. 00	.....
Harkness, William H. ....	do. ....	41. 00	.....
Hartline, Frank J. ....	do. ....	260. 00	.....
Higby, Wayne C. ....	do. ....	257. 00	.....
Holznecht, Charles A. ....	do. ....	360. 00	.....
Horton, Wilfred A. ....	do. ....	360. 00	.....
Houston, David J. ....	do. ....	285. 00	.....
Howard, Geisert A. ....	do. ....	160. 00	.....
Hudson, Joseph H. ....	do. ....	22. 00	.....
Johnson, Paul E. ....	do. ....	360. 00	.....
Jones, Mathew G. ....	do. ....	360. 00	.....
Kaiser, Henry G. ....	do. ....	45. 00	.....
Kilty, James. ....	do. ....	83. 00	.....
Lawler, John J. ....	do. ....	230. 00	.....
Levy, Oscar. ....	do. ....	230. 00	.....
Lippert, Rudolph E. ....	do. ....	77. 00	.....
Lokcy, Eugene M. ....	do. ....	360. 00	.....
Maloney, Hundly R. ....	do. ....	60. 00	.....
Merkle, Lucas G. ....	do. ....	74. 00	.....
Metcalf, Harry C. ....	do. ....	360. 00	.....
Mott, Elmo C. ....	do. ....	238. 00	.....
Murphy, John J. ....	do. ....	90. 00	.....
Naughton, Percy J. ....	do. ....	360. 00	.....
Newton, Harold G. ....	do. ....	312. 00	.....
Oakley, Howard E. ....	do. ....	360. 00	.....
Offer, William. ....	do. ....	346. 00	.....
Oleson, Richard. ....	do. ....	262. 00	.....
Olsen, Bernhard. ....	do. ....	193. 00	.....
Orr, Albert F. ....	do. ....	120. 00	.....
Peachy, Leo. ....	do. ....	124. 00	.....
Penfer, Widney J. ....	do. ....	195. 00	.....
Pendleton, Edmund, jr. ....	do. ....	100. 00	.....
Porter, Richard I. ....	do. ....	90. 00	.....
Reece, Henry C. ....	do. ....	305. 00	.....
Reed, Thomas R. ....	do. ....	360. 00	.....
Ruckdeschel, Raymond G. ....	do. ....	207. 00	.....
Rudolph, Lawrence. ....	do. ....	4. 00	.....
Ruhl, Raymond. ....	do. ....	285. 00	.....
Rutter, William M. ....	do. ....	69. 00	.....
Sather, Gerhard G. ....	do. ....	60. 00	.....
Schapiro, Joseph. ....	do. ....	21. 00	.....
Schilling, John H. ....	do. ....	49. 00	.....
Schoelman, Walter W. ....	do. ....	67. 00	.....
See, Charles. ....	do. ....	129. 00	.....
Sellers, Felix J. ....	do. ....	130. 00	.....
Shumaker, Robert. ....	do. ....	134. 00	.....
Slama, Harry F. ....	do. ....	360. 00	.....
Small, Vernon E. ....	do. ....	337. 00	.....
Smith, C. Frank. ....	do. ....	13. 00	.....
Smith, Julius C. ....	do. ....	150. 00	.....
Spann, Jack E. ....	do. ....	173. 00	.....

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spindler, Frank B.	Messenger boy, at \$360.	\$193.00	
Staples, Henry L.	do.	105.00	
Steinegger, William F.	do.	170.00	
Stockton, Edward L.	do.	351.00	
Strong, Walter A.	do.	145.00	
Sullivan, George M.	do.	76.00	
Tucker, Chester O.	do.	260.00	
Vineyard, Richard R.	do.	29.00	
Wade, Roy W.	do.	360.00	
Wahlgren, Harry F.	do.	360.00	
Wells, Sylvan A.	do.	74.00	
Westervelt, George C.	do.	300.00	
Willett, Frank C.	do.	29.00	
Young, John H.	do.	16.00	
Yurk, Carl H.	do.	131.00	
Robinson, H. C.	Unskilled laborer, at \$300.	45.00	
Boucher, Charles M.	Station agent, at \$300.	300.00	\$5.50
Brooks, Eva M.	do.	300.00	8.75
Lovett, Geo. L.	do.	287.50	
Conger, Leslie N.	Student assistant, at \$300, and messenger boy, at \$360.	281.67	
Adams, George B.	Student assistant, at \$300.	300.00	
Brand, Arnold A.	do.	75.00	
Buhler, Frederick G.	do.	225.00	
Evans, John B.	do.	300.00	
Killeen, William	do.	300.00	
Lund, Russell F.	do.	300.00	
Pindell, Clara D.	do.	300.00	
Charles, L. M.	Printer, temporary, at \$3.75 per day.	113.50	
Sefton, A. W., jr.	do.	11.25	
Bobo, Will J.	Printer, temporary, at \$22 per week.	66.00	
Officer, W. W.	do.	60.50	
Faulkner, R. B.	Printer, temporary, at \$3.50 per day.	119.00	
Harris, John B.	do.	28.00	
Slater, R.	do.	38.50	
Burton, Robert M.	Printer, temporary, at \$3 per day.	45.00	
Campbell, Lauchlin	do.	54.00	
Cohen, I. J.	do.	36.00	
Haislip, C. M.	do.	45.00	
Hussey, Samuel E.	do.	30.00	
Irish, Frank W.	do.	24.00	
Lagrone, John.	do.	6.00	
McIver, E. M.	do.	27.00	
Nichols, A. B.	do.	45.00	
Storm, G. L.	do.	60.00	
Wolkos, Edmund.	do.	51.00	
Harper, Clinton B.	Printer, temporary, at \$18 per week.	102.00	
Christy, S. A.	Printer, temporary, at \$2.90 per day.	46.40	
McCracken, R. E.	Printer, temporary, at \$2.50 per day.	37.50	
Colman, Bert S.	Assistant observer, temporary, at \$2.50 per day.	47.50	
Adams, Eunice.	Assistant observer, temporary, at \$2 per day.	52.00	
Bethel, Merrill A.	do.	138.00	
Buell, Charles H.	do.	18.00	
Cuthbertson, S. A.	do.	54.00	
Dainierfeld, Francis M.	do.	22.00	
Doherty, W. H.	do.	34.00	
Elvigion, Lewis.	do.	50.00	
Frazier, Charles W.	do.	58.00	
Glynn, John P.	do.	16.00	
Grasse, Harriet R.	do.	14.00	
Marshall, Gorham.	do.	43.00	
Roberts, Margaret E.	do.	12.00	
Smith, Thomas F.	do.	34.00	
Stewart, Mary Jane.	do.	4.00	
Wescott, F. H.	do.	20.00	
Yung, Frank.	do.	25.00	
Day, Chas. F.	Pressman, temporary, at \$2 per day.	17.00	
Munter, Hulda.	Messenger, temporary, at \$2 per day.	56.00	
Axelson, Gosta.	Messenger, temporary, at \$1.50 per day.	57.00	
Connor, Clarence Lee.	do.	6.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dillon, Charles F.	Messenger, temporary, at \$1.50 per day	\$31.50	
Thomas, Rose G.	do	24.00	
Laughead, Forrest A.	Assistant observer, temporary, at \$1.50 per day	19.50	
Hartwell, Berta	Assistant observer, temporary, at \$1 per day	3.00	
Lane, Ada V.	do	17.00	
Lindley, Luvina D. A.	do	53.00	
McConnell, Chas. N.	do	10.00	
McConnell, Frank.	do	16.00	
Acton, Clarence W.	Messenger or messenger boy, temporary, at \$1 per day.	6.00	
Akin, Claude	do	23.00	
Allen, Harold G.	do	15.00	
Alston, Garnet W.	do	8.00	
Angier, M.	do	25.00	
Bailey, Percy C.	do	6.00	
Barrie, Roy A.	do	13.00	
Brandenburg, Harmon P.	do	26.00	
Buchanan, Le Roy H.	do	26.00	
Burkhardt, Walter	do	10.00	
Cannon, Joseph W.	do	10.00	
Carlson, Alvin	do	17.00	
Cary, Herbert R.	do	17.00	
Caton, Orpha.	do	17.00	
Chase, Joseph E.	do	23.00	
Clark, Roy	do	2.00	
Cohen, Sylvan	do	9.00	
Conger, Leslie N.	do	15.00	
Diether, Ray	do	37.00	
Doran, Fred J.	do	7.00	
Drew, Richard	do	9.00	
Edstrom, Arthur	do	21.00	
Emrich, John F.	do	8.00	
Fetner, Henry	do	4.00	
Fisher, Albert R.	do	4.00	
Fowler, Ralph L. S.	do	24.00	
Greene, William M.	do	8.00	
Hadfield, Oscar D.	do	3.50	
Hanna, George V.	do	13.00	
Hannibal, Thomas, jr.	do	23.00	
Harkness, William H.	do	10.00	
Harris, E. T.	do	20.50	
Hartline, Frank J.	do	9.00	
Haynes, E. A.	do	1.00	
Hays, Hugh C.	do	5.00	
Hazen, John M.	do	66.00	
Higby, Wayne C.	do	13.00	
Hoefer, Fred C.	do	48.00	
Hoffman, Walter L.	do	13.00	
Huston, Fane W.	do	24.00	
Kaiser, Henry G.	do	11.00	
Kenealy, Amy C.	do	16.00	
Lawler, John J.	do	4.00	
Leitch, V. G.	do	89.00	
Loomis, Julius Q.	do	17.00	
McKissick, Roy K.	do	27.00	
McLinn, Alton Earl.	do	3.50	
Mott, Elmo C.	do	19.00	
Mott, H. J.	do	2.00	
Oleson, Richard	do	30.00	
Paxton, Charles R.	do	24.00	
Phelps, Douglas	do	35.00	
Porter, Richard I.	do	2.00	
Ruhl, Raymond	do	6.00	
Rutter, William M.	do	17.00	
Schilling, John H.	do	94.00	
Schoelman, Walter W.	do	33.00	
Shumaker, Robert	do	20.00	
Smith, Grover E.	do	8.00	
Smith, Julius C.	do	6.00	
Spann, Jack E.	do	18.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, station employees, Weather Bureau, 1908, \$551,550"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spann, John E.....	Messenger or messenger boy, temporary, at \$1 per day.	\$29.00	
Speas, C. A.....	do.	8.00	
Springman, Herbert C.....	do.	2.00	
Steinegger, William F.....	do.	25.00	
Strong, Walter A.....	do.	4.00	
Sullivan, Warwick A.....	do.	13.00	
Thomason, John Gideon.....	do.	11.00	
Tucker, Chester O.....	do.	29.00	
Viehman, William F.....	do.	13.00	
Vineyard, Richard R.....	do.	17.00	
Wells, Robert C.....	do.	8.00	
Westervelt, George C.....	do.	8.00	
White, Donald P.....	do.	16.00	
Willett, Frank C.....	do.	16.00	
Yaryan, Myrle C.....	do.	12.00	
Young, John H.....	do.	9.00	
Edsall, Sidney.....	Laborer, temporary, at \$1 per day.	9.00	
Lea, Walter L.....	do.	8.00	
Potthoff, Arthur.....	do.	3.00	
Simpson, Walter W.....	Repair man, temporary, at \$1 per day.	2.00	
Wilkins, John W.....	Unskilled laborer, at \$240.	210.00	
Doherty, W. H.....	Messenger, temporary, at 50 cents per day.	1.50	
Walton, Richard.....	do.	10.00	
Wertheimer, S.....	Messenger, temporary, at 35 cents per day.	5.95	
Paul, Lulu Jean.....	Messenger, temporary, at \$8 per month.	6.98	
Total.....		528,429.32	
Total amount of appropriation.....			\$551,550.00
Total expenditures under above group.....			550,545.99
Unexpended balance.....			1,004.01

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
McNelly, Wilson D.....	Composer, at \$1,250.	\$62.51	
Morrow, James A.....	do.	100.69	
Peake, Millard F.....	do.	71.17	
Total.....		234.37	
<i>Out of Washington.</i>			
Hershey, Roscoe.....	Rainfall observer, at \$15 per month.	120.00	
Do.....	Rainfall observer, at \$10 per month.	38.33	
Bengston, Joseph.....	do.	1.67	
Morebeck, T. C., Jr.....	Rainfall observer, at \$7.50 per month.	90.00	
Stevens, Aaron E.....	Rainfall observer, at \$5 per month.	25.00	
Battle, G.....	Rainfall observer, at \$4 per month.	48.00	
Caldwell, Robert L.....	do.	22.00	
Calhoun, M. M.....	do.	22.00	
Campbell, Julia A.....	do.	48.00	

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Clark, Helen M.	Rainfall observer, at \$4 per month.	\$12.00	
Collins, D. K.	do.	48.00	
Cox, Charles D.	do.	20.00	
Cruse, Rufus.	do.	48.00	
Cummings, Louis B.	do. <sup>a</sup>	25.75	
Davant, Laura E.	do. <sup>a</sup>	24.75	
Edwards, John W.	do.	50.50	
Elder, W. C.	do.	48.00	
Enloe, Van P.	do.	22.00	
Erwin, Ella.	do. <sup>a</sup>	43.00	
Fulton, Wm. B.	do.	25.00	
Gaillard, B. P.	do.	48.00	
Goley, W. R.	do.	48.00	
Hale, G. W. B.	do.	48.00	
Jewett, Alice G.	do.	48.00	
Keysar, Eva E.	do.	24.00	
Mathews, A. E.	do.	20.00	
Mathews, W. E.	do.	28.00	
Miley, Adolyn G.	do.	48.00	
Miller, Lee F.	do.	48.00	
Milner, Ida J.	do.	22.00	
Newton, Edward A.	do.	22.00	
Pledge, Belle D.	do.	48.00	
Redd, E. M.	do.	48.00	
Robinson, Frank P.	do. <sup>a</sup>	24.25	
Russell, Hugh H.	do.	48.00	
Rynearson, W. S.	do.	48.00	
Smith, Ella B.	do.	22.00	
Spencer, W. B.	do. <sup>b</sup>	55.50	
Talley, R. K.	do.	48.00	
Trow, Hattie G.	do.	12.00	
Unumb, F. O.	do.	24.00	
Walker, Wm. C.	do.	22.00	
Wallace, Mamie F.	do.	24.75	
Whisler, H. F.	do.	48.00	
Wilder, Thos. B.	do.	48.00	
Wilkinson, Thelma.	do.	4.00	
Wilson, Daniel.	Rainfall observer, at \$1.25 per observation.	8.75	
Anderson, Andrew G.	Rainfall observer, at 50 cents per observation.	4.00	
Blake, H. B.	do.	6.00	
Crandall, B. D.	do.	3.00	
De Long, Ollie.	do.	7.50	
Duckworth, F. W.	do.	6.50	
Ellsworth, A. M.	do.	1.50	
Fairehild, C. Laverne.	do.	3.00	
Hawkins, L. A.	do.	4.50	
Hayes, Mary A.	do.	3.50	
Hopkins, H. S.	do.	8.50	
Johnson, W. E.	do.	.50	
Keese, G. Pomeroy.	do.	4.50	
Kelly, Sylvanus.	do.	4.50	
Kiefer, R. J.	do.	3.00	
Kissenger, Charles E.	do.	2.00	
Laser, Gideon L.	do.	1.50	
Likins, Milton R.	do.	1.50	
McCabe, Philip.	do.	4.00	
McSheehy, H. J.	do.	7.50	
Lake, Martin J.	do.	10.50	
Martin, Withrow.	do.	2.00	
Moon, Emery P.	do.	.50	
Nicholson, R. B.	do.	7.50	
Oster, Lew G.	do.	1.00	
Painter, S. M.	do.	5.00	
Patton, C. A.	do.	4.00	
Pomeroy, James T.	do.	8.00	
Raffensberger, E. H.	do.	6.00	
Roberts, John K.	do.	6.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ross, J. A.	Rainfall observer, at 50 cents per observation ..	\$1. 50	.....
Scoville, Eunice R.	do.	2. 50	.....
Seegars, John	do.	. 50	.....
Shouse, J. W.	do.	. 50	.....
Smith, L. C.	do.	2. 00	.....
Stokey, C. F.	do.	1. 00	.....
Stone, Ormond.	do.	4. 00	.....
Tardy, Annie B.	do.	1. 00	.....
Thomas, T. S.	do.	. 50	.....
Warner, Frank C.	do.	3. 50	.....
Wright, Edward F.	do.	7. 00	.....
Bailey, Wm. Curtiss.	Rainfall observer, at 25 cents per observation ..	. 25	.....
Carter, Ethel M.	do.	. 75	.....
Gladney, Stella.	do.	1. 00	.....
Allen, Grover C.	Cotton region observer, at 20 cents per observa- tion.	3. 00	.....
Anthony, Wm. B.	do.	39. 80	.....
Babb, Fred A.	do.	39. 40	.....
Ballard, Orlo O.	do.	39. 40	.....
Barr, Wm. Y.	do.	38. 80	.....
Bee, R. W.	do.	24. 60	.....
Bee, Wm. J.	do.	15. 20	.....
Behymer, John L.	do.	39. 40	.....
Bell, A. M.	do.	39. 80	.....
Bell, Charles M.	do.	9. 20	.....
Bills, John D.	do.	39. 80	.....
Black, Bessie J.	do.	15. 20	.....
Blount, H. W.	do.	39. 80	.....
Bohannon, Annie M.	do.	39. 20	.....
Bowles, Henry D.	do.	17. 20	.....
Brislin, Andrew.	do.	39. 80	.....
Brosnan, Geo. C.	do.	39. 80	.....
Brown, Claude K.	do.	15. 20	.....
Brown, Duncan S.	do.	21. 40	.....
Broke, Elisha B.	do.	6. 20	.....
Burke, Richard S.	do.	39. 80	.....
Caldwell, R. L.	do.	39. 80	.....
Calhoun, M. L.	do.	39. 80	.....
Canada, Henry E.	do.	15. 20	.....
Canada, James M.	do.	18. 40	.....
Cantwell, Orlando F.	do.	39. 80	.....
Caperton, Kenneth C.	do.	17. 80	.....
Carleton, F. E.	do.	39. 80	.....
Carringer, Ernest A.	do.	39. 80	.....
Carter, John.	do.	39. 80	.....
Chapman, J. A.	do.	39. 80	.....
Clark, Daphne B.	do.	5. 00	.....
Clark, Randal W.	do.	34. 20	.....
Coleman, Florence.	do.	39. 60	.....
Cooper, Henry S. S.	do.	39. 80	.....
Cowan, P. L.	do.	39. 80	.....
Cox, C. D.	do.	39. 80	.....
Cox, John M.	do.	39. 80	.....
Crawford, Jas. T.	do.	24. 60	.....
Crawford, Mary V.	do.	24. 60	.....
Cray, Robert.	do.	39. 40	.....
Crisler, H. H.	do.	39. 60	.....
Crist, Robert C.	do.	4. 60	.....
Crittenden, Sarah A.	do.	39. 80	.....
Davidson, Jas. J.	do.	39. 80	.....
Davis, B. M.	do.	39. 80	.....
Deignan, Florence.	do.	18. 40	.....
Dunn, Euphra L.	do.	24. 60	.....
Edler, Wallace C.	do.	39. 80	.....
Eisenlohr, G. Adolph.	do.	39. 80	.....
Ellis, Ernest J.	do.	39. 80	.....
Ellsworth, Alva M.	do.	39. 80	.....
Enloe, Nathaniel O.	do.	38. 40	.....
Enloe, Van P.	do.	39. 80	.....
Etheridge, A. T. B.	do.	39. 80	.....

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eubank, Edwin M.....	Cotton region observer, at 20 cents per observation.	\$39. 40	.....
Fennell, Perryman H.....	do.....	24. 60	.....
Ford, Lizzie C.....	do.....	39. 80	.....
Forster, J. G.....	do.....	39. 80	.....
Fort, Ethel.....	do.....	36. 80	.....
Freeman, John A.....	do.....	15. 20	.....
Frobese, Henry R.....	do.....	39. 60	.....
Gibbs, Russell A.....	do.....	39. 80	.....
Gibson, Edgar L.....	do.....	39. 80	.....
Gilbert, H. K.....	do.....	39. 60	.....
Godfrey, L. D., jr.....	do.....	39. 80	.....
Godfrey, W. R.....	do.....	39. 80	.....
Graham, Estelle.....	do.....	15. 20	.....
Graham, Eva T.....	do.....	39. 80	.....
Granberry, J. D.....	do.....	39. 40	.....
Hall, Edward H.....	do.....	24. 00	.....
Hall, Sallie E.....	do.....	15. 20	.....
Harbison, M. G.....	do.....	39. 80	.....
Harris, F. B.....	do.....	24. 00	.....
Hetherwick, Clarence, jr.....	do.....	39. 80	.....
Hill, James B.....	do.....	39. 60	.....
Hillhouse, Alberta B.....	do.....	39. 60	.....
Hires, A. R.....	do.....	39. 80	.....
Hite, E. J.....	do.....	39. 80	.....
Hofmann, Mary.....	do.....	39. 80	.....
Hogins, John F.....	do.....	39. 00	.....
Horry, A. R.....	do.....	39. 80	.....
Honk, Nelson.....	do.....	39. 80	.....
Howe, Geo. W.....	do.....	10. 80	.....
Hudson, James H.....	do.....	39. 80	.....
Hughes, Fanny M.....	do.....	39. 80	.....
Hutson, James G.....	do.....	39. 80	.....
Jones, A. B.....	do.....	39. 80	.....
Jones, Josephine G.....	do.....	39. 80	.....
Jones, Tempest E.....	do.....	24. 60	.....
Kaiser, George A.....	do.....	37. 00	.....
King, R. L.....	do.....	39. 80	.....
Kitchell, H. G.....	do.....	39. 80	.....
Knight, Maude E.....	do.....	39. 80	.....
Kyle, Robert.....	do.....	33. 00	.....
Lange, M. E.....	do.....	39. 80	.....
Larimer, Samuel R., jr.....	do.....	39. 60	.....
Lewis, George F.....	do.....	39. 80	.....
Long, James Walton.....	do.....	37. 00	.....
Longserve, Chas. D.....	do.....	39. 80	.....
Love, Fannie G.....	do.....	39. 80	.....
Lucas, E. L.....	do.....	39. 80	.....
McCall, James G.....	do.....	31. 00	.....
McCollister, Jesse O.....	do.....	23. 80	.....
McComb, M. G.....	do.....	39. 80	.....
McCook, Anna R.....	do.....	39. 80	.....
Mann, C. E.....	do.....	24. 20	.....
Markham, Wm. H.....	do.....	39. 80	.....
Milner, Ida J.....	do.....	39. 80	.....
Moore, Samuel.....	do.....	39. 80	.....
Mosby, Langston B.....	do.....	39. 80	.....
Moses, Robert Y.....	do.....	39. 80	.....
Newman, Isadore.....	do.....	39. 80	.....
Newton, Edward A.....	do.....	39. 80	.....
Nisbett, Herschel T.....	do.....	39. 80	.....
Orr, Bertha D.....	do.....	39. 60	.....
Owen, Frank A.....	do.....	23. 00	.....
Parish, J. L.....	do.....	24. 60	.....
Paxton, John J.....	do.....	15. 00	.....
Penn, Maud C.....	do.....	39. 80	.....
Phillips, Herbert L.....	do.....	13. 40	.....
Propst, Chas. A.....	do.....	39. 80	.....
Read, A. H., jr.....	do.....	39. 80	.....
Regan, John P.....	do.....	39. 80	.....

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Riley, Rosa D.....	Cotton region observer, at 20 cents per observation.	\$15.00	.....
Robinson, Frank P.....	do.....	39.80	.....
Ruffin, James S.....	do.....	39.80	.....
Rutherford, Mary.....	do.....	39.80	.....
St. Clair, Elmer E.....	do.....	24.00	.....
Sasser, Thomas.....	do.....	39.80	.....
Savage, William J.....	do.....	39.20	.....
Scott, John A.....	do.....	39.80	.....
Sellers, Lucy.....	do.....	15.20	.....
Shafer, Jno. O.....	do.....	39.80	.....
Spell, D. H.....	do.....	39.80	.....
Sinclair, Martha A.....	do.....	39.80	.....
Sloan, Bessie F.....	do.....	15.20	.....
Sloan, John F.....	do.....	24.00	.....
Smith, Ella B.....	do.....	39.80	.....
Smith, L. A.....	do.....	39.80	.....
Smith, Lewis C.....	do.....	39.80	.....
Smith, Mary A.....	do.....	39.80	.....
Smith, Pearl.....	do.....	39.80	.....
Speidel, John M.....	do.....	8.80	.....
Stannard, Virginia T.....	do.....	6.00	.....
Stickfort, Joe.....	do.....	23.80	.....
Stone, Louise C.....	do.....	39.80	.....
Taylor, Nettie B.....	do.....	39.80	.....
Terrill, Allen D.....	do.....	24.00	.....
Tower, Edna B.....	do.....	39.80	.....
Towers, Wm. M., jr.....	do.....	39.80	.....
Turnham, Shapleigh R.....	do.....	39.80	.....
Tuttle, Charles L.....	do.....	39.80	.....
Twitty, Annie L.....	do.....	39.00	.....
Vann, Enoch J.....	do.....	39.20	.....
Walker, Wm. C.....	do.....	39.80	.....
Wannamaker, John S.....	do.....	39.80	.....
Webber, Katherine I.....	do.....	39.80	.....
Weir, Elmer S.....	do.....	39.80	.....
Wentz, Lulu M.....	do.....	39.80	.....
Whitcomb, Robt. L.....	do.....	39.80	.....
White, John A.....	do.....	39.80	.....
Whitlock, J. B.....	do.....	39.80	.....
Whitson, Henry L. D.....	do.....	39.40	.....
Wimberley, Clara O.....	do.....	39.00	.....
Nerby, Wm. E. W.....	do.....	39.80	.....
Abell, J. J.....	Corn and wheat observer, at 20 cents per observation.	36.60	.....
Adams, E. H.....	do.....	36.40	.....
Adams, H. K.....	do.....	36.60	.....
Adkins, Anna L.....	do.....	36.60	.....
Alcorn, Lucien C.....	do.....	36.60	.....
Allard, D. N.....	do.....	36.60	.....
Anderson, A. G.....	do.....	36.60	.....
Atkinson, Jno. B.....	do.....	36.60	.....
Baker, William.....	do.....	18.20	.....
Barnes, Eli A.....	do.....	36.60	.....
Bastien, E. A.....	do.....	36.60	.....
Bates, John J.....	do.....	36.60	.....
Benecke, Louis.....	do.....	36.40	.....
Berry, Henry S.....	do.....	36.60	.....
Blachly, C. P.....	do.....	36.60	.....
Bock, Angeline.....	do.....	36.60	.....
Bornemann, Wm.....	do.....	36.60	.....
Boyer, Edith E. L.....	do.....	36.60	.....
Breiner, William.....	do.....	36.60	.....
Brink, J. R.....	do.....	36.60	.....
Buckles, Alfred Y.....	do.....	36.60	.....
Carlson, Andrew J.....	do.....	36.60	.....
Carpenter, W. I.....	do.....	36.60	.....
Carrington, George D.....	do.....	36.60	.....
Carter, Sarah E.....	do.....	36.60	.....
Causey, L. G.....	do.....	36.60	.....

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Chenowith, John I.....	Corn and wheat observer, at 20 cents per observation.	\$36.60	.....
Clingman, G. S.....	do.	36.00	.....
Coonradt, Jacob H.....	do.	36.00	.....
Courtright, Samuel W.....	do.	36.00	.....
Cramb, W. F.....	do.	36.00	.....
Crane, Charles H.....	do.	3.20	.....
Crooke, John W.....	do.	36.00	.....
Davis, Edna J.....	do.	36.00	.....
Davis, George W.....	do.	36.00	.....
Davis, Lewis E.....	do.	36.00	.....
Davisson, W. J.....	do.	36.00	.....
Delano, W. H.....	do.	36.00	.....
Doolittle, Frances C.....	do.	36.00	.....
Downey, C. W.....	do.	36.40	.....
Ducharne, John.....	do.	36.00	.....
Dunham, Royal E.....	do.	22.40	.....
Eckstein, Andrew J.....	do.	36.00	.....
Engstrom, Charles.....	do.	4.00	.....
Estabrook, Geo. R.....	do.	36.00	.....
Ewing, D. E.....	do.	36.00	.....
Faxon, George B.....	do.	36.00	.....
Fisher, William L.....	do.	36.00	.....
Frick, Jno. H.....	do.	36.00	.....
Gallett, D. G.....	do.	36.00	.....
Gaston, William L.....	do.	36.00	.....
Gray, Clinton C.....	do.	36.00	.....
Greene, William J.....	do.	36.00	.....
Greening, C. F.....	do.	33.40	.....
Guthe, Karl E.....	do.	36.60	.....
Haberlein, Ed. F.....	do.	36.00	.....
Hadden, David E.....	do.	36.00	.....
Haight, H. H.....	do.	36.00	.....
Harris, Geo.....	do.	36.00	.....
Heilshorn, John F.....	do.	36.60	.....
Henderson, W. H.....	do.	36.00	.....
Henning, Carl F.....	do.	36.00	.....
Higginbotham, Richard L.....	do.	36.00	.....
Holstrom, Aaron G.....	do.	36.00	.....
Hood, James F.....	do.	36.00	.....
Hopley, James R.....	do.	36.00	.....
Hughes, Frank A.....	do.	36.00	.....
Ivanoff, Petko L.....	do.	18.40	.....
Jones, Wm. James, jr.....	do.	36.00	.....
Judd, John.....	do.	33.80	.....
Katzenberger, Geo. A.....	do.	36.60	.....
Keithly, John W.....	do.	36.00	.....
Kuhlman, Josie B.....	do.	36.00	.....
Landes, John H.....	do.	36.60	.....
Lane, Cory L.....	do.	36.00	.....
Lester, E. W.....	do.	35.20	.....
Liggett, Ida M.....	do.	18.40	.....
List, Garrett V.....	do.	36.60	.....
Llewellyn, J. F.....	do.	36.60	.....
Lorbach, David.....	do.	36.60	.....
Loughran, John B.....	do.	13.20	.....
Maple, Charles O.....	do.	18.40	.....
Marsh, Mary D.....	do.	36.60	.....
Massena, Chas.....	do.	36.60	.....
Mikesell, Thomas.....	do.	36.60	.....
Mills, Herbert A.....	do.	9.20	.....
Monk, John F.....	do.	36.00	.....
Moser, E. A.....	do.	36.00	.....
Moyer, Lloyd G.....	do.	36.40	.....
Mullen, L.....	do.	36.60	.....
Nesbit, M.....	do.	36.60	.....
Newton, Martin L.....	do.	36.60	.....
O'Connell, James.....	do.	35.40	.....
Ormsby, Harry L.....	do.	4.60	.....

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Parmelee, John B. ....	Corn and wheat observer, at 20 cents per observation.	\$36.60	.....
Parrish, Irma. ....	do.	4.60	.....
Partridge, Irvington T. ....	do.	18.20	.....
Peltier, Allie. ....	do.	36.60	.....
Peoples, G. W. ....	do.	36.60	.....
Perry, John A. ....	do.	36.60	.....
Peters, John A. ....	do.	36.60	.....
Peterson, Augustus O. ....	do.	36.60	.....
Phillips, Victor E. ....	do.	36.60	.....
Pike, Maude S. ....	do.	36.60	.....
Poling, Nella. ....	do.	36.60	.....
Poppe, Max E., jr. ....	do.	18.20	.....
Porter, Hosmer C. ....	do.	36.60	.....
Preisser, H. W. ....	do.	36.20	.....
Ramsey, Earl E. ....	do.	18.00	.....
Randle, Wilbur F. ....	do.	36.60	.....
Ransom, F. L. ....	do.	36.60	.....
Ruch, Jno. M. ....	do.	14.80	.....
Salick, Chas. J. ....	do.	36.60	.....
Santway, Alfred W. ....	do.	18.20	.....
Sharp, A. J. ....	do.	36.60	.....
Sharp, J. F. ....	do.	36.40	.....
Shaver, Elmer A. ....	do.	36.60	.....
Shaw, Mabel S. ....	do.	36.60	.....
Sheldon, Albert. ....	do.	36.60	.....
Sheridan, Mary W. C. ....	do.	36.60	.....
Shontz, Isaac S. ....	do.	18.40	.....
Starks, Ralph V. ....	do.	36.60	.....
Stelle, Theo. P. ....	do.	36.60	.....
Stokey, Charles F. ....	do.	36.60	.....
Swann, Henry H. ....	do.	36.60	.....
Swartz, John C. ....	do.	36.60	.....
Sweetzer, Edward F. ....	do.	36.60	.....
Swift, Emma. ....	do.	36.60	.....
Talbott, G. M. ....	do.	36.60	.....
Turrell, H. B. ....	do.	35.80	.....
Unumb, P. O. ....	do.	36.20	.....
Van Fleet, P. B. ....	do.	36.60	.....
Van Sandt, A. S. ....	do.	36.60	.....
v'Mansfelde, A. S. ....	do.	36.60	.....
Walling, P. A. ....	do.	36.60	.....
Warner, F. C. ....	do.	36.60	.....
Webb, M. A. ....	do.	36.60	.....
White, Fred U. ....	do.	36.60	.....
White, W. C. ....	do.	36.40	.....
Whiteley, Isaac L. ....	do.	36.60	.....
Wood, C. E. ....	do.	36.60	.....
Woodward, Ira L. ....	do.	36.60	.....
Woodward, T. S. ....	do.	36.60	.....
Woolner, James. ....	do.	36.60	.....
Worcester, Lottie M. ....	do.	17.60	.....
Sloan, William B. ....	River observer, at \$25 per month.	50.00	.....
Ankron, William. ....	River observer, at \$15 per month.	34.50	.....
Armstrong, E. H. ....	do.	15.00	.....
Goodman, John O. ....	do.	34.50	.....
Holmes, Walter D. ....	do.	9.50	.....
Hutchison, Lon H. ....	River observer, at \$10 and \$15 per month.	132.50	.....
Kerr, Clarence R. ....	River observer, at \$15 per month.	34.50	.....
Schaum, Cora A. ....	River observer, at \$10 and \$15 per month.	131.50	.....
Faris, James C. ....	River observer, at \$10 and \$12.50 per month.	81.00	.....
Brown, William C. ....	River observer, at \$12 per month.	144.00	.....
Albert, Daisy L. ....	River observer, at \$10 per month a.	71.50	.....
Alsted, Carl. ....	do.	91.25	.....
Anderson, Stephen B. ....	do.	120.00	.....
Babb, Carl M. ....	do.	78.00	.....
Back, Louis. ....	River observer, at \$7 and \$10 per month.	105.00	.....
Baird, H. L. ....	do.	105.25	.....
Baldwin, M. P. ....	River observer, at \$10 per month.	121.00	.....

a 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Banks, George F.	River observer, at \$10 per month.	\$120.00	
Barker, Frank M.	do.	120.00	
Bauman, P. T.	do.	23.00	
Beal, Fred.	do.	120.00	
Bernard, Amasa.	do. <sup>a</sup>	122.25	
Beverly, Wallace P.	do. <sup>a</sup>	98.75	
Bishop, Birdie E.	do.	70.00	
Blachly, C. P., jr.	River observer, at \$7 and \$10 per month.	35.43	
Blake, William L.	River observer, at \$10 per month.	70.00	
Blundell, William C.	do.	120.00	
Boone, Armistead L.	River observer, at \$7 and \$10 per month.	102.00	
Bowers, John T.	River observer, at \$10 per month.	30.00	
Brice, James Y.	do.	44.00	
Bridge, Harry P.	do.	71.25	
Bridge, Sophia.	River observer, at \$7 and \$10 per month.	102.00	
Briggs, E. G.	River observer, at \$10 per month.	81.00	
Brislin, C. F.	do. <sup>a</sup>	121.25	
Brooks, S. L.	River observer, at \$7 and \$10 per month.	99.00	
Brosnan, Sarah W.	River observer, at \$10 per month <sup>a</sup>	121.25	
Brown, Wyatt H.	do. <sup>a</sup>	120.25	
Bruns, Charles N.	do. <sup>a</sup>	121.00	
Bryan, H. F.	do.	30.00	
Bull, Hiram E.	River observer, at \$7 and \$10 per month <sup>a</sup>	106.50	
Burtner, A. R.	River observer, at \$10 per month <sup>a</sup>	164.75	
Carr, J. C.	do.	120.00	
Carson, L. Guy.	do. <sup>a</sup>	126.67	
Clarke, Rodney G.	do.	120.00	
Clement, R. W.	do.	65.30	
Cline, Chas. A.	do.	9.67	
Coburn, Melinda E.	do. <sup>a</sup>	151.40	
Covington, Jerry A.	do.	120.00	
Crossen, Elmer M.	do.	70.00	
Crumbly, H.	do. <sup>b</sup>	126.95	
Daly, Velba V.	do.	120.00	
Davis, Chattie M.	do. <sup>a</sup>	133.00	
Denny, William P.	do.	120.00	
Descheneau, John.	River observer, at \$7 and \$10 per month.	105.00	
Disney, Charles W.	River observer, at \$10 per month.	35.00	
Disney, Margaret T.	River observer, at \$7 and \$10 per month.	59.00	
Dixon, F. E.	River observer, at \$10 per month <sup>a</sup>	135.25	
Drewry, William N.	do. <sup>a</sup>	120.25	
Duncan, Helen T.	do.	120.00	
Duncan, Thos. M.	do. <sup>a</sup>	132.50	
Dunn, Euphrates N.	do. <sup>a</sup>	120.50	
Edeler, James O.	do.	70.00	
Eisenlohr, Frederick W.	River observer, at \$7 and \$10 per month.	103.00	
Estes, George M.	River observer, at \$10 per month <sup>c</sup>	62.90	
Eubank, Lillian M.	do.	60.25	
Faires, William S.	do.	102.34	
Fennell, Helen A.	do.	62.00	
Fisher, J. W.	do.	120.00	
Flagg, Lester L.	do.	70.00	
Fogalsang, Frank M.	do. <sup>a</sup>	74.75	
Forbes, Grant.	do.	20.58	
Forney, E. L.	do. <sup>a</sup>	74.50	
Forsyth, M. B.	do. <sup>a</sup>	132.25	
Fowler, S. A.	do. <sup>a</sup>	120.25	
French, F. M.	do. <sup>a</sup>	121.25	
George, David B.	do.	120.00	
Gilliland, Daniel B., jr.	do.	30.00	
Gillis, James A.	River observer, at \$7 and \$10 per month.	105.00	
Gillum, R. G.	River observer, at \$4 and \$10 per month.	99.25	
Glover, A.	River observer, at \$10 per month.	120.00	
Gallon, Frank L.	do.	120.00	
Goodhue, D. P.	do. <sup>a</sup>	123.25	
Goodrich, R. C.	do. <sup>a</sup>	120.50	
Graham, John W.	do.	10.33	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 15 cents for each report delivered.

<sup>c</sup> 10 cents for each report delivered.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Graham, Nellie.....	River observer, at \$10 per month.....	\$44.33	
Grayson, Mary F.....	do.....	120.00	
Griest, Oliver H.....	do. <sup>a</sup> .....	20.17	
Gruse, Henry H.....	River observer, at \$7 and \$10 per month <sup>b</sup> .....	106.00	
Haley, Justice U.....	River observer, at \$10 per month.....	90.00	
Hall, Edward H.....	do.....	77.25	
Hall, F. P.....	do. <sup>b</sup> .....	135.75	
Hansen, Peter.....	do.....	70.00	
Harbison, R. T.....	do.....	120.00	
Harrison, Wm.....	do.....	60.25	
Helms, Lattus C.....	do.....	120.00	
Hemstreet, Obadiah.....	River observer, at \$7 and \$10 per month <sup>b</sup> .....	106.25	
Hendricks, J. A.....	River observer, at \$10 per month <sup>b</sup> .....	99.00	
Higdon, Carrie W.....	do.....	60.00	
Hodnett, Jerry H.....	do. <sup>b</sup> .....	30.92	
Holland, John W.....	do.....	120.00	
Holmes, Joseph R.....	do.....	120.00	
Holmes, Mary A.....	do. <sup>b</sup> .....	108.75	
Hornbrook, A. B.....	do. <sup>b</sup> .....	121.75	
Hudson, James M.....	do. <sup>b</sup> .....	120.75	
Hutton, Frank O.....	do.....	70.00	
Johnson, Thomas A.....	River observer, at \$7 and \$10 per month <sup>b</sup> .....	141.25	
Jones, Milton R. R.....	do.....	34.00	
Kelly, H. H.....	River observer, at \$10 per month.....	60.00	
Kelly, Steve B.....	do.....	60.00	
Keyser, James F.....	do.....	120.00	
King, William R.....	do.....	30.75	
Kinley, Bert.....	do.....	5.00	
Koehler, Walter W.....	do.....	50.00	
Kramer, Ella Lee.....	do. <sup>b</sup> .....	137.00	
Libby, Harry T.....	do.....	70.00	
Lightner, S. W.....	do.....	120.00	
Logan, Benjamin C.....	do. <sup>b</sup> .....	122.50	
Long, Luther Street.....	do.....	120.00	
Lorentz, E. C.....	do. <sup>b</sup> .....	135.50	
Love, Joseph B.....	do.....	120.00	
Maddocks, William F.....	do. <sup>c</sup> .....	53.00	
Mahoney, Edward.....	do.....	50.00	
Marsh, H. N.....	do. <sup>b</sup> .....	121.75	
Mathews, Sallie B.....	do.....	120.00	
Maushund, Chas. T.....	do. <sup>b</sup> .....	120.25	
McCracken, Frank.....	do.....	40.00	
McGowan, R. T.....	do. <sup>b</sup> .....	159.00	
McGuinness, Thomas.....	do.....	70.00	
McLendon, James A.....	River observer, at \$7 and \$10 per month <sup>a</sup> .....	97.05	
McMahon, Austin.....	River observer, at \$10 per month.....	75.00	
McMeekin, Thomas L.....	do.....	120.00	
Modisett, B. F.....	do.....	119.00	
Moore, Henry.....	do.....	70.00	
Napier, W. R.....	do.....	20.00	
Nease, William B.....	River observer, at \$7 and \$10 per month.....	105.00	
Nelles, Annie V.....	do.....	105.00	
Norton, Charles G.....	River observer, at \$10 per month.....	5.00	
Norton, Grace G.....	do.....	26.00	
Orr, H. S.....	do.....	120.00	
Oswald, G. W.....	do.....	120.00	
Palmer, W. G.....	River observer, at \$7 and \$10 per month.....	85.67	
Park, John F.....	River observer, at \$10 per month.....	120.00	
Payton, John E.....	do.....	120.00	
Pegram, Geo. E.....	do. <sup>b</sup> .....	120.50	
Phillips, H. M.....	do. <sup>d</sup> .....	152.25	
Pickering, Earl C.....	do.....	120.00	
Piper, A. A.....	River observer, at \$7 and \$10 per month.....	99.00	
Oswalt, Evie.....	River observer, at \$10 per month.....	30.00	
Powe, John H.....	do. <sup>b</sup> .....	125.75	

<sup>a</sup> 15 cents for each report delivered.

<sup>b</sup> 25 cents for each observation in addition to one a day.

<sup>c</sup> 50 cents for each observation in addition to one a day

<sup>d</sup> 10 cents for each report delivered.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Proudfoot, F. R.	River observer, at \$10 per month <sup>a</sup>	\$133.00	
Pursifull, Oscar	do	48.00	
Pyle, Grant	do. <sup>a</sup>	133.75	
Quaterman, Robert H.	do	120.00	
Randecker, Calvin	do. <sup>b</sup>	134.90	
Rankin, James T.	River observer, at \$7 and \$10 per month	102.00	
Richter, Henry E.	River observer, at \$10 per month <sup>a</sup>	70.50	
Rinkle, Maggie	do. <sup>a</sup>	196.75	
Roberts, Arthur	do. <sup>a</sup>	121.50	
Rodibaugh, L. C.	do. <sup>a</sup>	135.75	
Rothrock, Mohler	do. <sup>c</sup>	66.00	
Schaefer, Gustave	do	120.00	
Scudder, Bradford M.	do	70.00	
Seamands, Oscar A.	do	70.00	
Shaughnessy, J. J.	River observer, at \$7 and \$10 per month	102.00	
Sheafe, Lemuel B.	River observer, at \$10 per month	70.00	
Shuler, Charles T.	do	20.25	
Sickenberger, Louis F.	do	120.00	
Simpson, Jas. K.	do. <sup>a</sup>	30.50	
Sinclair, William F.	do	70.00	
Simpson, Anna	do. <sup>a</sup>	100.50	
Sloan, William B.	River observer, at \$7 and \$10 per month	75.00	
Spence, Thomas C.	do. <sup>a</sup>	111.75	
Spencer, Charles M.	River observer, at \$10 per month	120.00	
Stannard, Eugene	do	35.00	
Stigall, Clarence G.	do	88.50	
Stone, Clark W.	do	120.00	
Stoner, James H.	do	90.00	
Stoner, William H.	do	14.33	
Stroter, Henry W., jr.	do	30.00	
Swann, J. E.	do	120.00	
Swanson, Axel R.	River observer, at \$7 and \$10 per month	47.00	
Swift, Nelson O.	River observer, at \$10 per month	70.00	
Tennison, Albert C.	do	50.00	
Teter, Lelia I.	do	120.00	
Thompson, John	do	120.00	
Thompson, Joseph B.	River observer, at \$7 and \$10 per month	74.00	
Thorne, Ralph E.	River observer, at \$10 per month	17.33	
Tucomb, Annie G.	do	47.67	
Towers, W. M.	do. <sup>a</sup>	124.00	
Turk, H.	do. <sup>a</sup>	165.25	
Utley, B. J.	do	120.00	
Van Gieson, Aaron R.	do	35.33	
Venable, Lula E.	do	120.00	
Walter, Joseph S.	do	120.00	
Ward, John M.	do	120.00	
Weeks, J. T.	do. <sup>a</sup>	120.75	
Weir, John C., jr.	do	120.00	
Wentworth, H. A.	do	60.00	
White, Lawrence	do. <sup>c</sup>	74.00	
Williams, A. R.	do	74.59	
Williams, Archibald P.	do	36.67	
Willis, James L.	do	119.67	
Willis, Leonard W.	do	120.00	
Wood, William	River observer, at \$7 and \$10 per month	82.00	
Wyman, W. S.	River observer, at \$10 per month	120.00	
Zimmerman, William R.	do	120.00	
Breithaupt, H.	River observer, at \$7.50 per month	75.50	
Jaynes, C. E.	do	67.50	
Lauryy, Niels L. S.	do	15.00	
Lloyd, David	do	67.50	
Van Gasken, W. P.	do	67.50	
Allen, H. D.	River observer, at \$7 per month	84.00	
Andres, Perry	do. <sup>a</sup>	42.75	
Austin, John P.	do	84.25	
Bateman, E. J.	do	80.50	
Ballamy, David W.	do	49.25	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 15 cents for each report delivered.

<sup>c</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bender, John	River observer at \$7 per month.	\$84.00	
Blake, Sadie H.	do. <i>a</i>	88.00	
Bloss, Richard P.	do.	28.00	
Booth, Tom R.	do.	84.00	
Booze, D. D.	do. <i>a</i>	86.75	
Brockman, W. S.	do.	42.00	
Brooks, C. D.	do.	46.22	
Buchanan, Andrew F.	do. <i>b</i>	90.00	
Buchanan, J. C.	do.	84.00	
Budd, De Wayne B.	do. <i>b a</i>	29.00	
Butler, William	do.	28.00	
Calhoun, W. H.	do.	84.00	
Cann, George W.	do.	84.00	
Chipman, Frank H.	do. <i>a</i>	43.00	
Cluett, Sanford L.	do.	28.00	
Colwell, Timothy	do.	28.00	
Compton, Zachry J.	do. <i>a</i>	84.50	
Cone, O. M.	do. <i>a</i>	84.25	
Corkland, Hannibal	do.	16.80	
Cosby, A. B.	do.	84.00	
Costigan, L. M.	do. <i>b a</i>	29.00	
Culbertson, Robert S.	do.	53.00	
Dean, George A.	do.	68.57	
Dean, James L.	do.	42.00	
Dennis, Royal	do.	84.00	
Ellis, George	do. <i>b</i>	64.00	
Eubank, Lillian M.	do.	42.00	
Exner, Oscar G.	do. <i>a</i>	45.00	
Fleming, F. C.	do.	47.62	
Frantz, John W.	do. <i>a</i>	87.50	
Gallagher, J. C.	do.	42.50	
Hall, Sallie E.	do.	42.00	
Hall, W. P.	do.	84.00	
Hanson, Aaron H.	do.	42.00	
Hicken, William A.	do.	42.00	
Higdon, Carrie W.	do. <i>a</i>	42.75	
Hirlinger, Charles M.	do.	16.33	
Hoffman, Edward L.	do.	28.00	
Hollister, Abram M.	do.	28.00	
Holstein, A. L.	do.	28.00	
Holt, John	do.	84.00	
Howe, Sidney J.	do.	84.00	
Hurd, William L.	do. <i>b a</i>	29.00	
Johnson, John M.	do. <i>b</i>	84.25	
Kennerly, Thomas C.	do.	15.63	
Kirkbridge, William R.	do. <i>a</i>	93.25	
Laden, Jas. H.	do. <i>b a</i>	29.00	
Laing, Mary	do.	7.00	
Leach, Joseph	do.	28.75	
Ligon, H. H.	do.	42.00	
Ligon, J. A.	do.	42.00	
Lynch, John R.	do.	49.00	
Mackey, John B.	do.	28.00	
MacLeod, B. B.	do.	42.00	
Magnus, Theodore	do.	21.00	
Mahoney, John B.	do.	7.00	
Marsh, Stephen D.	do. <i>b a</i>	29.00	
Marshall, Robert S.	do.	28.00	
Martin, M. E.	do.	70.25	
Martin, Walter E.	do.	14.00	
Mason, Joel M.	do. <i>a</i>	88.00	
Matthews, Alline O.	do.	84.00	
McAfee, J. M.	do. <i>a</i>	44.50	
McCall, Henry B.	do. <i>a</i>	89.00	
McLeod, John E.	do.	84.00	
Miller, Cager A.	do.	20.99	
Miller, Jacob	do. <i>a</i>	87.50	
Molls, William P.	do.	42.00	

*a* 25 cents for each observation in addition to one a day.

*b* 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Monroe, G. H.	River observer, at \$7 per month <sup>a</sup>	\$47.25	
Murphy, Frances D.	do.	64.25	
Nafus, Nelie.	do.	84.00	
Norton, D. A.	do. <sup>a</sup>	46.25	
Norton, Martin.	do.	48.00	
Oldham, J. V.	do. <sup>a</sup>	86.25	
Oleson, Eric.	do. <sup>a</sup>	22.75	
Ormsby, Avery H.	do.	24.50	
Palmer, Herbert E.	do.	50.50	
Payne, A. B.	do. <sup>a</sup>	90.00	
Perley, Frank A.	do.	42.00	
Pfeiffer, Peter J.	do.	84.00	
Phillips, J. A.	do.	21.00	
Pickard, Peter C.	do.	28.00	
Pipal, Henry E.	do.	53.50	
Plantz, Jerry S.	do. <sup>a</sup>	88.25	
Pover, Marcus C.	do.	84.00	
Pritchett, Isaac.	do.	50.25	
Purcell, Thomas.	do.	84.00	
Quackenbush, William.	do.	7.00	
Quattlebaum, Paul.	do. <sup>a</sup>	66.00	
Quattlebaum, Perry C.	do. <sup>a</sup>	22.75	
Reed, James M.	do.	56.00	
Rist, D. D.	do. <sup>a</sup>	86.00	
Ritchey, Isaac.	do.	25.00	
Roberts, Luke.	do.	42.00	
Roers, F. R.	do.	39.67	
Shepherd, Henry H.	do. <sup>a</sup>	13.08	
Sherman, J. H.	do. <sup>a</sup>	89.25	
Sickman, A. F.	do. <sup>a</sup>	45.75	
Sisson, Frank.	do.	11.20	
Slade, Orien.	do. <sup>a</sup>	85.00	
Smith, David W.	do. <sup>a</sup>	88.75	
Smith, Josie G.	do.	84.00	
Smith, Lebert.	do.	84.00	
Sneed, Fannie.	do.	84.00	
Spencer, Addison M.	do.	28.00	
Spencer, Sheridan H.	do.	28.00	
Sprager, Catherine.	do. <sup>a</sup>	84.75	
Stark, Jo'n.	do.	21.00	
Streeter, H. R.	do. <sup>ba</sup>	28.50	
Stroter, Henry M., jr.	do. <sup>a</sup>	44.00	
Thompson, Jesse K.	do.	50.25	
Thompson, Mamie.	do.	42.00	
Tingley, Claude S.	do.	14.00	
Toogood, Royal S.	do.	84.00	
Tucker, J. J.	do. <sup>a</sup>	87.00	
Van Etten, Daniel B.	do.	70.50	
Van Keuren, Herbert.	do.	48.07	
Vrooman, Edward A.	do.	28.00	
Walker, Walter G.	do.	35.00	
Watkins, C. G.	do.	84.00	
Welch, John Thomas.	do.	84.00	
Wilkinson, Roscoe T.	do. <sup>a</sup>	54.50	
Willis, Wilbur F.	do.	28.00	
Winternute, Franklin C.	do. <sup>a</sup>	88.75	
Wolfe, William B.	do.	84.00	
Wood, Lulu.	do.	84.00	
Wright, George A.	River observer, at \$4 and \$7 per month <sup>b</sup>	71.50	
Yager, Franklin.	River observer, at \$7 per month <sup>a</sup>	88.75	
York, C. V.	do.	84.00	
Young, Charles W.	do.	28.00	
Young, Willard.	do.	7.00	
Youngblood, Jackson A.	do.	35.25	
Zirjacks, Charles C.	do. <sup>a</sup>	84.75	
McCarthy, John J.	River observer, at \$6 per month.	54.00	
Brooks, Millard F.	River observer, at \$5 per month.	60.00	
Brown, James McC.	do.	15.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Butler, Margaret A.	River observer, at \$5 per month.	\$60.00	
Carter, Robert S.	do.	15.00	
Cowling, James.	do.	45.00	
Leonard, Lynn.	do. <sup>a</sup>	30.50	
Leonard, Muriel.	do.	30.00	
Mead, S. J.	do. <sup>b</sup>	23.50	
Mooney, W. C.	do.	45.00	
Rodenbah, Edith.	do.	15.00	
Rodenbah, Susie.	do.	30.00	
Strosnider, Isaac A.	do.	45.00	
Taylor, M. Stanton.	do. <sup>a</sup>	66.00	
Van Etten, Margaret.	do.	10.00	
Welch, J. L.	do.	60.00	
Blevins, Alexander R.	River observer, at \$4 per month.	36.00	
Chubbuck, William E.	do.	12.00	
Farley, William J.	do.	24.00	
Ling, Joseph A.	do.	30.25	
Merrill, Bernice.	do.	36.00	
Eakin, W. Edward.	River observer, at \$3 per month.	7.75	
Hall, Lemuel.	do.	6.00	
Irwin, James C.	do.	12.90	
Kingsnorth, Samuel.	do.	36.00	
Longcor, Edward F.	do.	23.20	
Lybrand, James H.	do.	30.00	
Trine, William H.	do.	12.80	
Armstrong, D. H.	River observer, at \$1 per observation.	11.00	
Broyles, J. N.	do.	1.00	
Broyles, L. W.	do.	4.00	
Buell, M. D. L.	do.	24.00	
Cummings, J. H.	do.	5.00	
Denis, Willard H.	do.	2.00	
Foote, W. A.	do.	2.00	
Humphreys, William H.	do.	1.00	
Lewis, Pearl E.	do.	1.00	
McBride, F. D.	do.	1.00	
Ross, Pitt.	do.	8.00	
Warren, James H.	do.	3.00	
Wilson, Don.	do.	1.00	
Bragg, Ray C.	River observer, at 50 cents per observation.	.50	
Causey, A. M.	do.	10.00	
Courtright, S. W.	do.	.50	
Dillon, L. A.	do.	1.00	
Droddy, C. A.	do.	8.00	
Gast, N. J.	do.	5.00	
Goodman, J. O.	do.	6.00	
Greene, Roger.	do.	.50	
Haines, Vere J.	do.	10.50	
Hunter, DeWitte.	do.	1.00	
Jeffries, Ada.	do.	5.00	
Jeffries, W. J.	do.	12.50	
Jones, Oscar.	do.	4.00	
King, J. T.	do.	3.00	
Lee, H. W.	do.	6.50	
Miller, Jno. H.	do.	8.50	
Mohler, O. E.	do.	21.00	
Muller, Alphonse.	do.	9.00	
Patton, G. R.	do.	2.50	
Potts, E.	do.	3.50	
Rawlins, H. O.	do.	.50	
Reed, B. A.	do.	5.00	
Rogers, Lon R.	do.	9.50	
Saunders, B. F.	do.	22.00	
Senter, A. C.	do.	2.50	
Smith, Selby A.	do.	6.50	
Sonnedecker, T. H.	do.	16.00	
Sorrell, Gertrude.	do.	13.50	
Thayer, Adelaid.	do.	3.00	
Thomas, E. S.	do.	1.00	

<sup>a</sup> 25 cents for each observation in addition to one a day.

<sup>b</sup> 50 cents for each observation in addition to one a day.

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Wilson, Ella M.	River observer, at 50 cents per observation.	\$9.50	
Woodward, N. G.	do.	5.00	
Yost, E.	do.	8.50	
Bench, Ephraim J.	Water-level observer, at \$1.25 per month.	12.50	
Sones, Ernest B.	do.	2.50	
Blinn, William O.	Snowfall observer, at \$3 per month.	12.00	
Montrose, George A.	do.	12.00	
Patterson, S. E.	do.	12.00	
Rother, A. J.	do.	12.00	
Ballard, L. C.	Snow and ice observer, at 50 cents per observation.	8.50	
Ebbinghausen, Chas.	do.	8.50	
Thompson, D. F.	do.	8.50	
Webber, D. F.	do.	8.50	
Bellamy, James C.	Hurricane observer, at \$25 per month.	112.50	
Howe, V. V.	do.	112.50	\$31.48
Miller, Robert Jesse.	do.	112.50	
Pollock, T. C.	do.	112.50	
Rawle, W. A. R.	do.	112.50	1.80
Ross, D. Hope.	do.	112.50	3.00
Sherer, T.	do.	112.50	
Bonney, Josephine M.	Sugar and rice observer, at 20 cents per observation.	39.80	
Bondreaux, Alex. O.	do.	39.80	
Buch, Joseph F.	do.	39.80	
Champagne, Claude.	do.	39.80	
McNeil, Angus P.	do.	39.80	
Moore, Charles V.	do.	39.80	
Moresi, Andrew.	do.	39.80	
Park, Edna M.	do.	39.80	
Westbrook, James L.	do.	39.80	
Angelo, Joseph W.	Storm-warning displayman, at \$20 per month.	16.27	
Dillon, Thomas C.	do.	240.00	
Lamar, C. W.	do.	240.00	
Maginnis, William G.	do.	14.00	
McCarty, Herman D.	do.	13.33	
McCormick, C. E.	do.	158.67	
Martin, Wm. D.	do.	240.00	
Smith, Florence M.	do.	240.00	
Durfee, William.	Storm-warning displayman, at \$16 per month.	48.00	
Brown, Horace.	Storm-warning displayman, at \$15 per month.	180.00	
Crawford, Wyatt B.	do.	15.00	
Dagwell, Charles T.	do.	180.00	
Essing, Matilda H.	do.	180.00	
Luchie, S. P.	Storm-warning displayman, at \$10 and \$15 per month.	147.67	
McCann, James.	Storm-warning displayman, at \$15 per month.	180.00	
Motley, E. A.	do.	119.00	
Myers, Graham.	do.	60.00	
Reinelt, Edward C.	do.	119.00	
Whelan, John N.	do.	38.00	
Fisher, E. M.	Storm-warning displayman, at \$12.50 per month.	150.00	
Fuller, Sara C.	Storm-warning displayman, at \$12.25 per month.	147.00	
Daggett, Hiram.	Storm-warning displayman, at \$12 per month.	144.00	
Massard, F. J.	do.	144.00	
Nolen, Alice.	do.	66.40	
Small, I. M.	do.	144.00	
Weekes, Sarah C.	do.	144.00	
Abbott, W. M.	Storm-warning displayman, at \$10 per month.	120.00	
Barram, John S.	do.	54.00	
Bricker, W. S.	do.	120.00	
Brumfield, W.	do.	120.00	
Busselberg, Harry.	do.	120.00	
Carland, Barbara.	do.	79.33	
Carlson, Anna C.	do.	30.00	
Carlson, Annie M.	do.	79.33	
Clark, M. A.	do.	120.00	
Coe, Wm. A.	do.	120.00	
Coguenhem, Manuel.	do.	120.00	
Collins, Luther C.	do.	79.33	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Conger, E. R.....	Storm-warning displayman, at \$10 per month...	\$120.00	
Dalton, Lurana.....	do	120.00	
Davis, Francis V.....	do	79.33	
Day, Eva E.....	do	120.00	
Dishmaker, John, jr.....	do	79.33	
Donahue, Anna.....	do	79.33	
Donnelly, Helen M.....	do	59.33	
Dorchester, J. C.....	do	79.33	
Drake, J. E.....	do	120.00	
Eaton, J. L.....	do	120.00	
Eldredge, G. Bolton.....	do	30.00	
Ellison, Jesse O.....	do	79.33	
Ewald, Ida M.....	do	25.33	
Ferrin, George L.....	do	120.00	
Foster, Adelaide F.....	do	120.00	
Foster, Frank E.....	do	10.00	
Foust, C. M.....	do	79.33	
Frahm, Carrie M.....	do	79.33	
Fuller, Jane M.....	do	120.00	
Gallagher, M. E.....	do	120.00	
Garrity, Kate L.....	do	79.33	
Goetz, John F.....	do	79.33	
Halseth, Ida.....	do	120.00	
Hansen, Hannah K.....	do	79.33	
Hartho, Arthur C.....	do	79.33	
Hyland, Mary A.....	do	23.33	
Hyslop, John.....	do	120.00	
Italy, Rosetta.....	do	120.00	
Jackson, Edmund.....	do	120.00	
Kines, Wm. B.....	do	120.00	
Krebs, G. W.....	do	90.00	
LaBonte, R. J.....	do	30.00	
Layton, C. W.....	do	79.33	
Leberman, A.....	do	79.33	
Lillyblad, Charles E.....	do	77.00	
Long, E. W.....	do	79.33	
Lory, William.....	do	120.00	
McCobb, Charles H.....	do	120.00	
McFarlane, William M.....	do	79.33	
McIree, Joseph A.....	do	10.00	
McMillen, Alonzo C.....	do	77.00	
McNally, J. C.....	do	79.33	
Macintosh, Frederick L.....	do	120.00	
Marquette, Flora.....	do	40.00	
Matt, Roy E.....	do	39.33	
Matthews, H. S.....	do	120.00	
Meno, Joseph E.....	do	79.33	
Miles, William J.....	do	79.33	
Miller, William.....	do	49.33	
Moreney, Amelia M. E.....	do	79.33	
Morrison, Sarah.....	do	79.33	
Nagle, John.....	do	120.00	
Nickerson, Alfred.....	do	120.00	
Nickerson, E. C.....	do	120.00	
Olsen, Mary E.....	do	79.33	
Ostergren, E. A.....	do	79.33	
Perkins, Harry W.....	do	79.33	
Persons, C. E.....	do	79.33	
Pillichody, Henry D.....	do	120.00	
Plough, E. J.....	do	79.33	
Plummer, Frank.....	do	90.00	
Pool, Victor E.....	do	79.33	
Pugh, Clara J.....	do	120.00	
Reinheimer, Frank J.....	do	79.33	
Risley, W. B.....	do	79.33	
Robb, Josephine R.....	do	79.33	
Robinson, M. F.....	do	120.00	
Robinson, Thos.....	do	120.00	
Root, Melvin L.....	do	79.33	
Santa Cruz, John H.....	do	50.00	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Searle, C. P.	Storm-warning displayman, at \$10 per month.	\$120.00	
Shea, Ida E.	do	120.00	
Skinner, Arville P.	do	120.00	
Small, Rebecca M.	do	79.33	
Stacey, Girdler	do	120.00	
Sykes, J. D.	do	115.00	
Tait, John W.	do	79.33	
Telfer, Nellie W.	do	120.00	
Thomas, Alberta E.	do	79.33	
Tobin, John E.	do	79.33	
Torrison, T. C.	do	79.33	
Tristman, Thomas H.	do	79.33	
Truedell, Lena.	do	79.33	
Uptegrove, J. G.	do	79.33	
Wade, Frank H.	do	79.33	
Walker, A. L.	do	120.00	
Watts, G. W.	do	79.33	
Wenlock, Julia.	do	94.67	
Wilhelm, Norbert.	do	120.00	
Wright, Jabez.	do	25.33	
Anderson, Emma L.	Storm-warning displayman, at \$9 per month.	71.40	
Clemons, Annie.	do	71.40	
Dinneen, E. J.	do	71.40	
Eldredge, Allan M.	do	71.40	
Farrell, M. M.	do	71.40	
Fobes, Addie F.	do	35.40	
Ganey, Daniel F.	do	71.40	
Gray, Cassie E.	do	36.00	
Griesser, Julia A.	do	71.40	
O'Connor, James	do	71.40	
Rice, Verne, M.	do	71.40	
Stearne, Clark M.	do	71.40	
Kenyon, C. S.	Storm-warning displayman, at \$8.50 per month.	102.00	
Beere, John.	Storm-warning displayman, at \$8 per month.	58.66	
Duncan, Thos.	do	96.00	
Graham, John.	do	18.67	
Hammond, Paul B.	do	63.46	
Keegan, Thomas J.	do	18.67	
Stevens, Enoch B.	do	72.00	
Webb, A. H.	do	96.00	
Hess, Will J.	Storm-warning displayman, at \$7.50 per month.	90.00	
Lawrence, Joseph.	Storm-warning displayman, at \$7 per month.	84.00	
Tupper, R. B.	do	14.00	
Tupper, W. M.	do	70.00	
Barracough, Joseph H.	Storm-warning displayman, at \$5.50 per month.	66.00	
Cotter, James F.	Storm-warning displayman, at \$5.25 per month.	63.00	
Arnold, Harold L.	Storm-warning displayman, at \$5 per month.	3.50	
Bennett, Constantia V.	do	60.00	
Bickford, Joseph H.	do	60.00	
Blackman, E. V.	do	60.00	
Blomquist, John J.	do	60.00	
Brannan, Martin J.	do	60.00	
Burckmyer, H. G.	do	60.00	
Carlson, Anna C.	do	45.00	
Daniels, John.	do	30.00	
Donnelly, Helen M.	do	6.50	
Dow, F. S.	do	50.00	
Duryee, Wm. B. C.	do	60.00	
Ellis, Henrietta M.	do	30.00	
Fisher, M. M.	do	60.00	
Folk, Beulah G.	do	60.00	
Fox, Henry.	do	39.67	
Geraty, Charles W.	do	25.00	
Geraty, John W.	do	35.00	
Griesser, Martha M.	do	39.67	
Hanson, Emma C.	do	39.67	
Hennig, Karl E.	do	60.00	
Howes, Henrietta F.	do	30.00	
Lutterloh, J. B.	do	60.00	
Lysaght, Mary	do	39.67	

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000."—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McGraw, Sara E. ....	Storm-warning displayman, at \$5 per month .....	\$39.67	•
Palmer, James R. ....	do .....	60.00	
Robinson, Thos. A. ....	do .....	60.00	
Roeller, Edward F. ....	do .....	20.00	
Rothrock, Ellsworth L. ....	do .....	27.67	
Scanlan, George N. ....	do .....	60.00	
Shore, Philip .....	do .....	60.00	
Shutt, C. H. ....	do .....	60.00	
Snow, Freeman A. ....	do .....	60.00	
Sorenson, S. B. ....	do .....	60.00	
Thomas, W. W., jr. ....	do .....	39.67	
Turbeville, William T. ....	do .....	60.00	
Van Putten, Madalen A. ....	do .....	39.67	
Van Weelden, Jennie. ....	do .....	39.67	
Williams, Martin Van B. ....	do .....	10.00	
Clark, P. S. ....	Storm-warning displayman, at \$4 per month .....	48.00	
Moore, R. L. ....	do .....	36.00	
Moorish, G. M. ....	do .....	48.00	
Barton, Frank M. ....	Storm-warning displayman, at \$3 per month .....	25.50	
Watson, Elwyn .....	do .....	10.50	
Bacon, Alonzo T. ....	Storm-warning displayman, at \$2.50 per month .....	30.00	
Brown, Sol. ....	do .....	30.00	
Broadwell, Wilmer .....	Storm-warning displayman, at \$2.25 per month .....	27.00	
Gurney, A. R. ....	Cranberry observer, at \$10 per month .....	30.00	
Hornor, Ivins .....	do .....	30.00	
King, John N. ....	do .....	50.00	
Malde, O. Gustav .....	do .....	50.00	
Gibson, Arthur .....	Special observer, at \$300 per year .....	300.00	
Total .....		58,195.45	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000."*

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Amarillo Drug Co. ....	\$2.00	Diamond Ink Co. ....	\$4.65
American Lead Pencil Co. ....	58.82	Dodd, A. B. C. ....	1.25
American News Co. ....	10.80	Drew, The H. & W. B. ....	5.45
Andrews Paper Co., R. P. ....	4,431.92	Fielder & Allen Co. ....	5.10
Baker-Trisler Co. ....	2.05	Finck Stationery & Printing Co., F. J. ....	3.00
Ballantyne, R. Carter .....	689.87	Fowler, Ed. C. ....	4.45
Beacon Paper Co. ....	4.50	Fredericks, M. F. ....	2.70
Bell Book and Stationery Co. (Incorporated) .....	4.20	Freeman Co., E. L. ....	1.55
Bingham, R. H. ....	2.00	Gilbert & Walker .....	1.20
Brown & Power (Incorporated) .....	3.50	Globe-Wernicke Co., The .....	8.18
Brown, Treacy & Sperry Co. ....	2.30	Hamilton Bros. ....	6.00
Burroughs Adding Machine Co. ....	35.45	Hamilton Drug Co. ....	3.50
Burrows Bros. Co. ....	2.35	Harger & Blish .....	2.80
Bushong & Co. ....	51.00	Harris, Geo. C. ....	1.50
Butler Paper Co., J. W. ....	262.61	Harshe, W. E. ....	2.50
Carter & Co. (Incorporated), John .....	63.00	Hartje Paper Manufacturing Co. ....	23.10
Carter, Rice & Co. (Incorporated) .....	401.47	Havre Drug Co. ....	1.80
Chamberlin-Taylor Co. ....	3.00	Hawaiian News Co. (Limited) .....	3.75
Childs & Co., S. D. ....	6.75	Hearne & Co., Jno. R. ....	3.00
Clapp, Augustus H. ....	3.50	Hill, L. W. ....	1.00
Clarke Co., R. P. ....	39.84	Hipple Printing Co. ....	.90
Cunningham, Arch .....	3.60	Hoen & Co., A. ....	37.50
Damerow-Pierson Co. (Limited) .....	1.05	Keller Ink Co., The Robert .....	3.25
Davis & Co., Hall L. ....	3.10	Kennedy Printing & Stationery Co. ....	.75
Davis & Co., R. S. ....	2.15	Kilham Stationery & Printing Co. ....	4.90
Davison & Co., H. C. ....	144.08	Kistler Stationery Co., The W. H. ....	7.30
		Library Bureau .....	17.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lincoln, C. O.	3.00	Albright & Co., R. S.	\$15.05
Lindemeyr, Phillip	1,780.09	Aldwell, J. Lloyd.	3.00
Logan, E.	5.00	Alexander, Cramme & Stanton.	649.00
Lord Baltimore Press Co (Incorporated)	3,085.63	Alford, Milton C.	2.50
McCreary, A. L.	1.50	Allard, D. N.	2.50
Manly Office Supply Co.	8.00	Allen, F. W.	219.20
Marshall-Jackson Co.	67.10	Allen, Isaac A.	6.00
Maverick-Clarke Lithograph Co.	2.65	Allen, J. Baxter.	16.00
Megeath Stationery Co.	2.70	Allen, Lloyd D.	15.00
Menlin & Son, Vander.	3.75	Allen Paper and Paint Co.	26.00
Meyer & Thalheimer.	1.35	Allison, F. & W.	8.00
Miller & Co., G. W.	1,686.91	Alpena Mutual Benefit Telep. Co.	8.00
Mitchell & Hotchkiss.	3.50	Aluminum Solder and Refining Co.	7.00
Monroe Stationery Co., Chas. M.	2.30	Amarillo Gas Co.	30.50
Mooney Co., O. P.	5.90	Amarillo Water, Light and Power Co.	24.00
Moses, D.	2.50	American Book Co.	18.04
Neostyle Co.	3,257.00	American Bureau of Shipping.	15.00
Nickerson, O. K.	1.50	American District Telegraph Co.	47.15
O'Day's Book Store.	2.00	American Iron Works.	62.00
Office Equipment Co.	4.25	American La France Fire Engine Co.	1,080.00
Office Supply Co.	5.05	American Linen Supply.	6.00
Old Dominion Paper Co.	5.00	American Magazine of Aeronautics.	4.50
Palace Drug Co.	1.50	American Multigraph Sales Co.	2,969.32
Parker, D. Frank.	1,785.78	American Paint Co.	15.00
Parkin-Longley Co.	3.00	American Pneumatic Carpet Cleaning Co.	4.00
Parrish, W. J.	3.00	American Type Founders' Co.	2,603.94
Peterson, C.	1.95	American Writing Machine Co.	20.00
Purnell, W. F.	4.50	Amos & Co. (Incorporated) Chas.	25.00
Roberts & Horwarth.	2.50	Anacortes Water Co.	30.00
Rotholtz Bros.	3.25	Anderson, Alex.	1.00
Ryan & Hart Co., The.	8.25	Anderson, B. L.	200.00
Schlener Stationery Co., John A.	3.10	Anderson, H. S.	50.00
Shattuck Co., E. J.	1.20	Anderson, John A.	25.00
Shipmans Sons, Asa L.	67.50	Andrae Electric Co., Herman.	14.50
Stark Paper Co., T. H.	1.99	Andres, Theo.	32.50
Staunton, M. B.	3.10	Andrews, A. C.	5.00
Swayze, W. L.	12,003.86	Andrews Paper Co., R. P.	590.96
Swayze, Bailey & Co.	7.25	Anniston Trading Co.	.50
Swift, F. B.	5.25	Anniston Water Supply Co.	14.69
Tengg, Nic.	.60	Applegate, W. J.	10.00
Underwood Typewriter Co.	37.85	Appleton & Co., D.	1.00
Union Envelope Co.	295.49	Appleton, Ira W.	25.00
United States Envelope Co.	1,153.47	Arkansas, Electric Co., The.	150.00
Upbam Co., Isaac.	1.95	Arkansas Pump and Pipe Co.	15.75
Vanderhule & Sampson.	10.00	Armour & Co.	95.50
Vickery & Co.	3.00	Army Cycle Manufacturing Co.	6.25
Webster Co., F. S.	7.75	Arnold, J. Franklin.	10.00
Weltmer, Jacob.	7.00	Arnold & Weatherbee.	33.45
Wheeler, Holland.	3.80	Arosin, C. H.	1.50
Whiting Stationery Co.	4.50	Arp & Hammond Hardware Co.	6.95
Williams, Brown & Earle.	1.80	Artes, Chas. F.	2.00
Williston Drug Co.	2.00	Artz, Chas. F. J.	13.50
Wilson Office Supply Co.	2.25	Ashby, W. F.	82.50
Witt, Van I.	1.75	Ashby, W. T.	30.50
Wyckoff Co., The E. G.	1.00	Atlantic City Sewerage Co.	10.00
Yawman & Erbe Manufacturing Co.	1.90	Atlantic Refining Co.	3.50
Zellerbach Paper Co.	2.50	Austin, G. L.	10.00
Total.	31,775.06	Austin, J. T.	10.00
<i>Miscellaneous supplies, etc.</i>		Avery, E. J.	1.00
Abbot, W. S.	8.75	Avis, J. C.	5.00
Abilene Ice Co.	2.80	Babb, J. J.	2.00
Abilene Light and Water Co.	15.20	Babbitt Bros.	7.35
Abilene Steam Laundry.	6.00	Ba-c-ock, J. W.	4.50
Abita Spring Water Co. (Limited).	25.00	Bacheller, Dudley P.	2.50
Ackler, John L.	2.50	Bacon Bros.	11.85
Adam, E. S.	5.00	Bacon, F. H.	12.00
Adam Elec. Co., Frank.	2.30	Baier, Frank W.	3.50
Adams, I. D.	15.00	Baker, F. E.	16.00
Adams, John.	11.25	Baker, J. A.	2.00
Adams Stamp and Seal Co., S. G.	.65	Baker, Trisler Co.	6.00
Addressograph Co.	2,321.56	Baldwin, James R.	8.00
Aicher, F. C.	67.50	Ball, Hiram D.	15.00
Aiker & Linstead.	35.00	Ball, O. R.	10.68
		Ball, T. A.	5.00
		Ball Watch Co., Webb C.	4.00
		Ballard, D. S.	2.50

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Baltimore Towel Supply Co.....	\$3.00	Bradford Bros.....	\$26.75
Bancroft, Daniel B.....	5.00	Bragg, R. C.....	25.00
Bannister, H.....	85.00	Brandon, Charles G.....	3.50
Barber, Loyall.....	5.00	Brandon Printing Co.....	8.80
Barber & Ross.....	75.95	Brecht, T. C.....	25.00
Bark, A. L.....	20.00	Bridgeford, C. M.....	2.00
Barkley, George.....	35.00	Bridges, J. D.....	4.25
Barling, C. E.....	20.00	Briggs & Son, N. H.....	12.00
Barnard, Fred C.....	6.00	Briggs & Sons, Thomas H.....	2.55
Barnes Co., John & W. F.....	1.25	Bright & McGill.....	92.09
Barnet, C.....	5.00	Broadwater, Pepin & Broadwater.....	35.40
Barnett, G. A.....	10.50	Brooks, John M.....	47.00
Barnett Hardware Co., G. W.....	8.45	Brooks, W. M.....	240.00
Barney, Ed.....	7.50	Brossard, H. A.....	9.50
Barnhart Bros. & Spindler.....	188.51	Brown, Carl.....	30.00
Barnhart Type Foundry Co.....	16.37	Brown, C. B.....	5.00
Barnes, E. A.....	2.75	Brown, E. M.....	3.00
Barrett-Marriott Electric Co.....	6.00	Brown, Forrest E.....	1.00
Barton, Clarence W.....	49.70	Brown, Geo. W.....	54.00
Barton & Cole.....	35.00	Brown, J.....	1.00
Bassinger, Paul A.....	10.00	Brown, J. H.....	38.75
Bastlaris, John.....	10.00	Brown, James H.....	5.00
Batchelder & Collins.....	1.50	Brown, James M.....	3.00
Baty, G. N.....	20.00	Brown, Jesse M.....	6.60
Baum, J. E.....	2.00	Brown, L. A.....	26.80
Baumgarten & Sons, Julius.....	86.90	Brown, Omer O.....	10.00
Baxter, Lemuel.....	12.50	Brown, R. D.....	4.00
Baysdorfer, Otto.....	2.50	Brown, Ransom H.....	10.00
Beauchamp Bros.....	3.00	Brown, Tyler.....	4.50
Beck, J. Frank.....	12.00	Brown, T. D.....	10.00
Beechwood Ice Co., E. G.....	5.00	Brown & Power (Incorporated).....	5.30
Beesley, George.....	448.00	Brown & Sharpe Manufacturing Co.....	15.96
Beetle, E. M.....	20.00	Brumback, W. C.....	10.00
Bell, James A.....	10.00	Brunskog, Carl L.....	10.25
Benier, George F.....	33.00	Bryan, C. E.....	14.00
Bender, John.....	3.00	Bryce, H. P.....	700.00
Bennett & Co., E. C.....	127.00	Bryce, Willis.....	3.00
Bennett Glass & Paint Co.....	1.50	Bryson & Son.....	25.25
Bennett & Co., G. S.....	1.10	Buecl, Lorenzo.....	4.00
Bennett, Sir J.....	10.00	Buckingham, E. W.....	2.50
Bennett, S. Walter.....	35.00	Buddeke Bros. Co.....	3.70
Bergsvik, Chris.....	3.75	Buder, E. A.....	1.50
Bessette, F. P.....	17.50	Buffalo General Electric Co.....	13.50
Bethel, Samuel.....	25.00	Buhne, H. H.....	1.50
Betz, E. E.....	6.00	Buhne, C. E.....	1.00
Bigelow & Sons Co., The T. L.....	9.25	Bunnell & Co., J. H.....	18.00
Billings & Fralick Cleaning Co.....	7.00	Burgess Electrical Co.....	2.70
Bingham Bros. Co.....	4.75	Burke, George H.....	15.00
Bingham & Runge.....	3.25	Burlington City Water Works.....	8.51
Bingham's Son Manufacturing Co., Samuel.....	7.20	Burn, A. Edgar.....	10.00
Bimms, A. F.....	87.30	Burnet, A. C.....	16.85
Birge, R. D.....	4.00	Burns, T. J.....	35.00
Birmingham Water Works Co.....	14.92	Burroughs, Adding Machine Co.....	9,469.26
Blair, Lena L.....	1.50	Burrow, Martin & Co.....	6.20
Blaisdell, F. G.....	36.00	Burrus, Adolphus.....	287.00
Blake, George E.....	8.10	Burton & Son, R. C. M.....	37.84
Blanch, Charles A.....	521.50	Buschman & Co., W.....	17.00
Blodgett Co., The G. S.....	25.93	Bush, John A.....	10.00
Blue Line Transfer Co.....	124.80	Bush-Krebs Co. (Incorporated).....	50.72
Bluemont Elevator Co.....	586.81	Bushee, F. A.....	1.25
Blumenstill & Co.....	4.00	Butler, R. T.....	7.00
Board of Public Works (Sault Ste. Marie).....	14.00	Butscher, Joseph.....	1.75
Boeringer & Son.....	1.25	Eye, Oscar W.....	23.75
Boggus, Harry.....	4.00	Cahn, Sol.....	1.00
Bohne, Wm. B.....	27.50	California Electrical Works.....	11.79
Bolte Brothers.....	8.00	Callahan, John J.....	9.00
Bolte, Henry, jr.....	2.00	Camero, Angus.....	20.00
Boltz, John.....	6.00	Campbell, H. A.....	139.50
Bond Co., Chas.....	3.19	Canright, John.....	5.00
Borden Construction Co.....	399.20	Canton Electric Light Co.....	21.00
Bosch Co., Henry.....	2.75	Cape, W. A.....	3.50
Boston Forge Co.....	88.00	Capital City Hardware Co.....	16.25
Bowen, J. C.....	23.50	Capital Ice & Storage Co.....	7.00
Bowers Bros.....	41.66	Capurro, William N.....	2.50
Bowling, J. F.....	10.00	Carey Machinery & Supply Co.....	26.75
		Carey Co., The Philip.....	1.80
		Carley, Bert. H.....	1.50

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Carlyle Johnson Machine Co.....	\$35.00	Compressed Air House Cleaning Co...	\$25.00
Carolina Woodworkers.....	5.00	Comstock-Avery Furniture Co.....	2.05
Carr, A. M.....	5.00	Concanon, W. N.....	538.00
Carter Electric Co., W. E.....	14.00	Concord Ice Co.....	1.25
Cartier-Magmer Co.....	1.20	Concordia Electric Light Co.....	6.00
Casey, S.....	1.50	Coneordia Ice and Cold Storage Co.....	9.00
Caswell Co., Howard M.....	8.90	Congdon, Alphonso.....	35.32
Central Construction & Supply Co.....	75.00	Conger, E. R.....	70.00
Central Electric Co.....	10.18	Conlon, Arthur.....	11.00
Central Printing Co.....	1.00	Connor, M. O.....	2.70
Chalmers, W. J.....	25.00	Connors, Martin.....	26.00
Chamberlin Co., H. G.....	17.75	Consolidated Ice Co.....	28.95
Chamberlin, Judson.....	2.00	Consolidated Wagon and Machine Co.	1.40
Chamberlain, Philip D.....	16.60	Consumers' Co.....	14.90
Chamblee, Elbert.....	15.00	Consumers' Ice Co.....	20.72
Chandler & Price Co.....	2.86	Consumers' Ice and Cold Storage Co.	7.40
Chapin, John D.....	19.00	Cook, A. M.....	1.00
Chapin, W. F.....	2.50	Cook, George A.....	7.00
Chapman Co., Geo. J.....	1.00	Cook, Harry T.....	20.00
Charles City Lighting and Heating Co.	4.10	Cook & Smith.....	2.00
Charles City Water Works.....	4.50	Cooke, D. A.....	4.00
Charlevoix Electric Light Plant.....	2.00	Cooper, O.....	10.00
Chase Brothers Co.....	2.00	Copland Co., M. G.....	182.10
Chatillon & Sons, John.....	25.98	Corson, R. H.....	6.00
Cheney Sons, P. H.....	27.00	Coston Signal Co. (Incorporated).....	165.75
Cherry, E. M.....	10.00	Courtright, Samuel W.....	1.50
Chesapeake Iron Works.....	1,039.49	Cowan, Shirley.....	60.00
Chesnutt, H. E.....	6.75	Cowell, B.....	5.00
Chicago Edison Co.....	4.00	Craig, William.....	85.00
Chicago Watch Tool Co.....	45.00	Crane, Charles H.....	25.00
Childs, J. H.....	1.00	Crawford, Chas.....	10.00
Childs & Co., S. D.....	5.35	Creef, B. H.....	1.50
Chilver, Charles J.....	15.20	Creef, T. R.....	2.00
Chippewa Hardware Co.....	1.20	Crimins, J. T.....	27.50
Chrisen, L.....	24.50	Crowley, Robert.....	3.75
Church & Stephenson.....	341.98	Crumpton, A. L.....	1.50
Churchill, Frank B.....	1.50	Crystal Ice Co.....	15.70
City of Bentonville.....	18.00	Crystal Ice Manufacturing and Cold	
City of Burlington water department.	9.50	Storage Co.....	.75
City Delivery Co.....	7.65	Cumberland Telephone and Telegraph	
City of Harbor Springs.....	2.22	Co.....	76.96
City of Havre.....	47.10	Cummings & Cole.....	4.20
City Ice Delivery Co.....	18.84	Cunningham Co., P. D.....	3.50
City of Iola.....	22.22	Cunningham, Curtis & Welch Co.....	3.75
City of Lewiston.....	18.00	Cunningham, Jno. H.....	43.00
City Package Delivery Co.....	3.50	Currie Co.....	9.33
City of San Jose, Cal.....	60.00	Currier, C. C.....	6.00
City of Sheridan.....	6.00	Curry's Sons Co., Wm.....	8.70
City of Thomasville.....	3.47	Curtis Plumbing Co.....	14.01
Claplanhoo, Jougie.....	6.50	Cushing, C. W.....	10.00
Clark, Carlos F.....	18.05	Daly, Daniel.....	10.80
Clark, Frank B.....	1.00	Daniels, J. T.....	29.00
Clark, George C.....	116.25	Darrow & Baker.....	15.00
Clarke Co., R. P.....	579.35	Davidson, H. O.....	6.00
Clarkson, W. D.....	9.80	Davie, W. R.....	40.00
Clason Map Co.....	20.00	Davies & Cheveny.....	17.50
Clement, C. A.....	2.00	Davis, A. B.....	6.00
Clifford, Margaret.....	3.00	Davis, A. B. C.....	6.00
Cline, Charles A.....	3.00	Davis, Bannister H.....	4.00
Cline, Chas. H.....	74.00	Davis, S. E.....	28.00
Clingenpeel, W. E.....	3.00	Davis, W. E.....	25.00
Clow & Co., W. E.....	3.50	Davis, W. E.....	10.00
Clucker, Willis.....	2.00	Davis, D. H.....	.96
Coachar, A. B.....	10.00	Day & Co., F. D.....	1.50
Coburn & Cooke.....	5.64	Deacon, James Y.....	5.30
Cockroft, C. A.....	12.00	Dean, James Lowell.....	4.00
Colburn, M. S.....	2.00	Debolt, Wm.....	62.00
Coleman, Dwight.....	8.00	Deiley, Harry.....	10.00
Coley, Joe.....	7.50	De Lay, J. W.....	1.00
Collings, A. J.....	25.10	Democratic Printing and Litho. Co.	6.70
Columbian Engraving Co.....	3.12	Denaux & Son, W. A.....	9.40
Columbia Lumber and Manufacturing		Denison, J. F.....	28.00
Co.....	20.00	Dent, James E.....	30.00
Columbia Photo. Supply Co.....	6.29	Devere Electric Co.....	97.50
Columbia Store Co.....	1.00	Devils Lake Improvement Co.....	40.00
Colwell, Timothy.....	3.00	Devine, James.....	235.00
Commonwealth Edison Co.....	202.00	Dewitt, O.....	3.90

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Dickson Co., The.....	\$13. 35	Everett, John.....	\$4. 00
Diefenderfer & Dinwiddie Co.....	10. 95	Evins, Jack.....	25. 00
Dietz, Otto.....	9. 25	Ewald, M. R.....	30. 00
Dietzen Co., Eugene.....	7. 50	Ewing, D. E.....	2. 50
Dinndorf Bros.....	446. 70	Fabacher, Peter.....	11. 50
Direct West India Cable Co. (Limited).....	3. 16	Fagg, Dell.....	5. 00
Disbursing Clerk, Post-Office Department.....	94. 90	Fairbanks, Morse & Co.....	11. 25
Dixon, Harry.....	1. 50	Fairer, A. W.....	138. 25
Dobbin, Ferrall Co.....	1. 00	Fairservice, A.....	4. 00
Dodge, Uriah B.....	2. 00	Fairservice & Co., A.....	27. 10
Dodson Painters' Supply Co.....	112. 22	Falk, Charles.....	8. 00
Doerr Mitchell Electric Co.....	6. 30	Farmers' Deposit National Bank.....	66. 56
Dolan Teaming Co., John F.....	2. 28	Farnham, H. A.....	6. 50
Doliber, Ashton.....	4. 00	Farrell, William.....	21. 50
Doremus Machine Co.....	4. 50	Faulk, John H.....	6. 00
Dorrington, W. H.....	1. 50	Feldenheimer, A. & C.....	5. 50
Doubleday-Hill Electrical Co.....	28. 25	Felt & Tarrant Manufacturing Co.....	200. 00
Dougherty, Wm. A.....	30. 00	Felton, Sibley & Co.....	1. 00
Doyle, Chas.....	70. 00	Fennerty, Gus. M.....	2. 70
Drake, E. J.....	136. 50	Ferber, John.....	60. 00
Draper, Joseph B.....	20. 00	Fergus, L. V.....	30. 00
Dreer, (Incorporated) Henry A.....	22. 45	Ferguson, E.....	3. 95
Drinkwater, E.....	7. 00	Ferguson, Neil.....	. 75
Drinkwater, W. G.....	22. 00	Ferrell, Geo. M.....	103. 50
Drummond, Bruce.....	5. 00	Field Co., Arthur M.....	2. 50
Dudrow, C. W.....	25. 50	Fillion, J. F.....	5. 85
Duencke, A.....	62. 00	Finck Stationery and Printing Co., F. J.....	5. 00
Duffy, A. C.....	5. 00	Finnell, G. W.....	200. 00
Duker Box Co., J. H.....	427. 26	Fischer, Chas. L.....	6. 00
Dulin & Martin Co.....	26. 05	Fisher, Hosea D.....	1. 50
Duluth Van and Storage Co.....	15. 00	Fitts & Mann Co.....	59. 65
Duncan & Porter Co.....	2. 60	Fitzsimmons & Co., James.....	85. 00
Dunlop-Moore Co.....	1. 65	Fitzwilson, C. B.....	1. 45
Du Perow, Mortimer.....	143. 55	Flagg, L. L.....	50. 00
Dure & Co., Adrian B.....	3. 50	Flathead Paint and Wall Paper Co.....	2. 00
Duryee, Wm. B. C.....	2. 75	Flint & Walling Manufacturing Co.....	494. 86
Duvall, Wm. A.....	15. 00	Flood, D. F.....	2. 00
Dwello, E. N.....	142. 40	Floor Clean Co.....	3. 50
Dyer, Wm. H.....	27. 35	Florida Electric Co.....	8. 00
Eakin, W. Edward.....	2. 00	Floyd, H. C.....	5. 00
Eastern Towel Supply Co.....	6. 00	Fobes Supply Co.....	3. 03
Eastman Kodak Co.....	154. 21	Fock, Gustav.....	1. 11
Eaton, J. L.....	10. 00	Folmer & Schwing Div.....	227. 50
Eberly's Sons, A.....	15. 23	Foot, J. J.....	10. 00
Ecker, J. J., sr.....	107. 00	Fora, J. C.....	1. 50
Edmundson, B.....	35. 50	Forker & Co., C. A.....	6, 039. 60
Edwards, Roy.....	1. 65	Forrest, Fred.....	22. 50
Eichhorn & Son, H.....	11. 50	Forsberg, G. W.....	12. 00
Eisenhohr, G. A.....	4. 50	Forsha, John A.....	12. 00
Elam, Ordway & Houser.....	11. 90	Fort, Charlton.....	3. 00
Eldridge, Arthur H.....	3. 45	Forwood Co., The.....	15. 00
Eldridge Express Co.....	3. 75	Foss Boat House Co.....	2. 00
Electric Storage Battery Co.....	147. 01	Foster, J. R.....	38. 00
Elkins Steam Laundry.....	4. 50	Foster & Sons Co., Wm.....	24. 20
Ellicott Machine Co.....	599. 50	Fowler Bros.....	13. 00
Elliott, G. H.....	3. 00	Fowler, J. E.....	174. 44
Elliott, John G.....	245. 00	Fowler Manufacturing Co. (Limited).....	24. 00
Ellis, G. W.....	2. 00	France, Joseph S.....	99. 00
Ellis, W.....	36. 00	Francis, Edward S.....	4. 00
Ellison, J. O.....	. 30	Franklin & Co.....	11. 55
El Paso Ice and Refrigerator Co.....	9. 10	Frazier, Edwin.....	2. 50
El Paso and Southern R. R. Co. of Texas.....	5. 25	Freimuth, I.....	2. 73
Empire Transfer Co.....	32. 25	French, Albert E.....	5. 00
Engdahl, F.....	20. 00	French, Edward.....	3. 00
Engel, Hugo.....	32. 85	French & Co., Geo. E.....	9. 00
Engen, Chris.....	294. 00	French Laundry.....	6. 00
Ennis & Sons, George T.....	1. 00	French & Welch Hardware Co.....	46. 45
Ergood & Co., J. C.....	433. 85	Fresno Consumers' Ice Co.....	4. 80
Etheridge, A. D.....	1. 00	Fresno Ice Delivery.....	7. 30
Etheridge, A. W.....	4. 00	Fretz, J. K.....	17. 50
Etheridge, C. M.....	2. 00	Frew, James G.....	30. 00
Eureka Lighting Co.....	6. 75	Friday & Co., W. A.....	72. 85
Evans, J. C.....	2. 50	Friez, Julien P.....	387. 43
Evans & Meekins.....	32. 00	Fritchie, O. F.....	4. 00
Evans, Rendigs Co.....	14. 00	Fuller Co., E. C.....	5. 70
		Fuller Co., W. P.....	40. 99
		Furlong, O. C.....	29. 84

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June, 30 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Gable, Martin.....	\$15.00	Hanson, C. H.....	\$6.11
Gaertner & Co., Wm.....	16.44	Hanson, Ernest.....	2.50
Gainer Electric Co.....	1.65	Hanson, John C.....	39.80
Galloway, L. A.....	25.00	Harding & Upman.....	32.00
Galt & Bro.....	21.00	Hardway, G. W.....	1.00
Gamble & Ludwig.....	.90	Hardy, G. H.....	10.00
Garbade, Eiband & Co.....	3.00	Hare & Arnold.....	8.80
Garden City Electric Co.....	33.00	Harle, C. A.....	4.55
Gardner, Robert H.....	42.00	Harman, Leitcher.....	.50
Garrett, J. T.....	1.50	Harms, W. A.....	6.50
Garrison, Jacob.....	1.50	Harmack, F. W.....	6.53
Gass, Gustave.....	12.50	Harpe Bros.....	7.25
Gastman, D.....	17.50	Harrington, J. C.....	20.00
Gates, W. M.....	1.00	Harris, J. H.....	6.00
Geary, J. P.....	120.00	Harris & Co., R. F.....	27.20
General Cartage and Storage Co.....	26.55	Harrisburg Cycle and Typewriter Co.....	4.00
Gentry, R. D.....	9.75	Harrison, William.....	2.00
Gether Co., C. R.....	76.39	Hartford and Spring Brook Ice Co.....	6.60
Gibbes, J. Wilson.....	2.75	Hartig, Louis.....	4.20
Gifford-Wood Co.....	21.00	Hartnett Co., R. W.....	40.42
Gilbert, Fred. E.....	1.50	Harvey, Fred.....	8.00
Gilbert & Barker Manufacturing Co.....	96.80	Harvey, Sarah.....	3.00
Gillingham, Chas. A.....	1.15	Harvey, W. W.....	8.00
Gilman, Z. D.....	20.45	Hasley Bros.....	2.70
Giltmore, Geo. H.....	2.00	Hathaway Co., The W. B.....	1.40
Given, H. B.....	2.50	Havner, Robert A.....	1.00
Gleeson, J. R.....	5.00	Havre Drug Co.....	2.00
Goddard & Johnson.....	154.44	Havre Electric Co.....	7.70
Godden Seed Co., Amzi.....	23.25	Hawaiian Office Specialty Co.....	10.20
Goetz, August.....	3.60	Hawkins, Edgar.....	5.00
Good, Harry.....	10.00	Hawkins, W. B.....	5.00
Goss Co., The J. C.....	7.90	Hayman, T. D.....	4.00
Gould, Arthur W.....	2.85	Hay's Sons, H. H.....	1.90
Gowan & Pickford.....	2.00	Hearn & Co., J. M.....	1.50
Gragan & Frantz.....	25.60	Heatherly, W. H.....	65.00
Graham, John.....	1.25	Heddrich & Co., G. M.....	32.00
Graham & Co., John W.....	6.00	Heggen, M.....	40.00
Granzin & Son, Paul.....	6.50	Heintz, Frank J.....	104.40
Graves, Leland J.....	18.00	Heiskell, C., P. H., jr.....	615.09
Gray & Sons, Peter.....	56.50	Heliotype Printing Co.....	6.55
Gray Sign Co.....	2.16	Helser & Unden.....	25.00
Great Western Smelting and Refining Co.....	4.16	Henderson, J. C.....	3.00
Great Western Type Foundry.....	4.75	Henderson & Co., Peter.....	5.00
Gregory, R. L.....	10.20	Henderson & Geiger.....	1.50
Griffon, H. O.....	3.00	Henry, B. W.....	5.00
Griffin Sample Co.....	15.00	Herkner, J. C.....	1.50
Griffin, W. J.....	23.14	Herm, J. B.....	1.50
Grimes, R. B.....	61.07	Herman, Harry.....	3.95
Grinnell, Chas. J.....	37.23	Herreke, Robt. T.....	4.50
Groot, J. H.....	12.00	Hewett, Josephus.....	41.45
Grove, W. C.....	12.00	High Co., J. M.....	1.80
Hackley, J. E.....	12.00	Hill Bros. Paint and Wall Paper Co.....	35.00
Haddon, H. G.....	3.00	Hills, McLean & Haskins.....	1.30
Hahn, A.....	2.50	Hindman, Wm.....	1.50
Hahn Co., The.....	12.70	Hinkle, A.....	2.50
Haley & Leff Co.....	3.00	Hinkle, J. W.....	25.00
Hall, A. L.....	1.00	Hinneau, V. E.....	28.50
Hall & Jubinville.....	7.00	Hisman, Henry.....	29.00
Hall, L. A.....	1.50	Hoar, William.....	2.80
Hall, T. J.....	880.60	Hobbs, James R.....	4.00
Hall Co., W. A.....	6.75	Hodgate, C. H.....	310.00
Hall, William H.....	10.00	Hodgson, F. B.....	8.00
Hall Stationery Co.....	2.00	Hoffman & Moore.....	10.00
Hallett, E.....	1.60	Hogan, J. L.....	12.00
Haman & Co.....	2.00	Hoke Engraving Plate Co.....	3,446.36
Hamilton, S. F.....	3.75	Holcomb Manufacturing Co., J. I.....	58.80
Hammatt, C. S.....	156.00	Holland, James.....	8.75
Hammitt, Howard.....	2.25	Hollins, Arthur.....	10.00
Hammond & Co., C. S.....	20.00	Holtzer-Cabot Electrical Co.....	29.75
Hammons, C. I.....	1.00	Home Steam Laundry Co.....	2.00
Hancock & Son, C. W.....	65.00	Honeyman Hardware Co.....	13.80
Hanley, James E.....	36.00	Hooper's Sons, Oren.....	1.25
Hann & Swain.....	38.00	Hoover, D. M.....	55.50
Hannon, James S.....	20.35	Hopkins, Edward.....	7.50
Hans, Ed. W.....	14.00	Howard Clock Co.....	69.50
Hansen, Peter.....	27.00	Howerton, J. A.....	24.00
		Hoxie, J. E.....	40.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hoyt, C. H.....	\$38.00	Kaiser, Frank.....	\$10.00
Hubbard Co., S. B.....	1.00	Kalispell Water and Electric Co.....	24.75
Hudson Bros.....	3.50	Kann Sons Co., S.....	60.83
Hudson Electrical Supply Co.....	45.50	Kasten Co., Alsted.....	4.50
Humphrey, Robt. L.....	8.50	Kates Transfer Co.....	12.00
Hunt, Marshall N.....	468.00	Keasbey & Mattison Co.....	.90
Hunt, F. W.....	7.43	Kelley Hardware Co.....	4.85
Hurley, J. E.....	13.25	Kellog-Mackay-Cameron Co.....	1.85
Huron Ice Co.....	4.36	Kellogg Newspaper Co., A. N.....	1.40
Hutcherson, Chas. J.....	80.00	Kellogg & Son, M. V.....	10.00
Hutchinson Stationery Co.....	8.80	Kemper, William.....	2.70
Hutterly, A. O.....	20.00	Kennedy, P.....	8.05
Hutton, E. S.....	70.00	Kennedy, R. A.....	5.00
Hyslop, John.....	10.00	Kenney, S. J.....	.75
Idaho Typewriter Exchange.....	2.50	Kepler, J. G.....	2.00
Idler, Chas. R.....	1.50	Kerin, Ed. L.....	2.00
Illinois District Telegraph Co.....	60.00	Kerscher Bros. Co.....	2.00
Imperial Electrical Repair Co.....	3.50	Keuffel & Esser Co.....	145.90
Inland Type Foundry.....	20.04	Keystone Type Foundry.....	20.20
Interstate Electric Co. (Limited).....	1.20	Kidd, Charles.....	25.00
Isaacson, Isaac.....	5.25	Kidd, George P.....	6.50
Ivins Tube Works, Ellwood.....	11.77	Kiernan, S. H.....	3.50
Ivory, A. E.....	12.00	Kieswetter Co., The Jos. F.....	2.75
Jackson, Frank.....	251.00	Killian Co., Geo. P.....	12.00
Jackman, George C.....	1.25	Kindley & Co., E. C.....	.75
Jackson, C. P.....	105.00	King, John N.....	4.50
Jackson, J. M.....	6.00	King, W. R.....	4.00
Jackson, J. W.....	40.00	Kingsbury, Frank E.....	10.00
Jacobs, E. A.....	650.00	Kinsella, R. F.....	697.00
Jaixen, George W.....	138.00	Kistler Stationery Co., W. H.....	5.50
Jakeman, E. F.....	1.50	Kitching, Pennington.....	17.68
James, W. W.....	10.00	Klein, A.....	1.50
Jameson, E. E.....	6.99	Klein Electric Co.....	92.35
Jamieson Bros.....	9.00	Klein & Sons, Mathias.....	2.99
Jarecki, Herman T.....	2.00	Knight, F. L.....	6.00
Jarvis, J. H.....	5.00	Knowles, Thomas M.....	208.00
Jefferson, George H.....	13.40	Knowles, W. P.....	3.00
Jefferson, John J.....	13.00	Knox Express Co., The Geo. W.....	127.42
Jenks, W. S.....	14.75	Knoxville Upholstering Co.....	4.00
Jensen, Emil.....	66.00	Kohl, William.....	80.75
Jensen, P. E.....	16.00	Kraft Co., C. L.....	4.20
Jergens Co., The Andrew.....	3.60	Kramer & Co., C. J.....	4.45
Jodon Electric Works.....	71.75	Krammer, Casper M.....	2.50
Johnson, A. L.....	12.45	Krause, G. C.....	9.25
Johnson, Albert T.....	100.00	Krause, William.....	35.00
Johnson & Bork.....	30.00	Kroner Hardware Co., Fred.....	10.05
Johnson, Charles Encu.....	2,844.10	Krows, Ralph.....	11.00
Johnson & Cleal.....	2.40	Krupp, Edward.....	6.00
Johnson, F. D.....	40.00	Kulbach, William.....	6.00
Johnson, Harry E.....	26.00	Lacy Steam Carpet Cleaning Works.....	8.35
Johnson, John.....	9.00	La Crosse Gas and Electric Co.....	291.63
Johnson & Son, J. F.....	4.50	Lake, Augustus C.....	44.00
Johnson, J. W.....	1.50	Lake, E. E.....	60.70
Johnson & Co., J. W.....	6.50	Lamb & Tilden.....	983.45
Johnson & Johnson Co.....	9.30	Lambie Co. (Incorporated), James B.....	435.44
Johnson, Thomas A.....	7.50	Lambos, Ned.....	17.50
Johnson, W. M.....	270.00	Lampentsdoofer, Edward H.....	50.20
Johnston, Lachlan A.....	32.50	Lamson Consolidated Store Service Co.....	29.37
Jolly & Wynne Jewelry Co.....	1.50	Landt, Fred.....	48.00
Jones, Charley.....	3.50	Langmaid, G. W.....	1.00
Jones Co., D. M.....	.65	Langston, M. D.....	25.00
Jones & Croutin.....	1.70	Lansburgh & Bro.....	79.50
Jones, Edwin F.....	10.00	Lawley & Son Corporation Co.....	20.00
Jones, E. H.....	26.00	Lawson, George E.....	1.25
Jones, E. P.....	15.00	Leach, Joseph.....	110.00
Jones, H. G.....	2.00	Lee, Joseph H.....	1.00
Jones, J.....	1.50	Lee, Robert E.....	19.25
Jones, James.....	10.00	Leeds & Northrup Co.....	339.25
Jones, J. E.....	10.00	Leet & Co., R. A.....	2.70
Jones, John W.....	150.00	Lefebvre Furniture Co.....	1.00
Jones, W. C.....	15.00	Leitelt Iron Works, Adolph.....	1.70
Jones & Hopkins Manufacturing Co.....	4.95	Leslie, J. H.....	35.15
Jordahl & Murphy.....	33.30	Lett, Royal A.....	5.50
Jorss, A. F.....	421.00	Levi, Grant.....	10.73
Joslin, W. C.....	5.25	Lewin, C. G.....	56.20
Josten Hardware Co.....	6.50	Lewis, Jos. H.....	21.00
Joyce Engraving Co., The Maurice.....	1,220.52	Lewiston Paint and Varnish Co.....	10.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Libby, Harry T.....	\$30.00	Malmsten, R. J.....	\$62.00
Libby & Co., T.....	5.50	Manhattan Brass Co.....	1.75
Libbey & Libby Co.....	3.20	Manhattan Electrical Supply Co.....	1.00
Liberty Typewriter Co.....	4.20	Mankin Construction Co.....	10.00
Library Bureau.....	2.90	Manning, E. K.....	3.50
Library of Congress.....	3.62	Manning, J. F.....	25.00
Leermann, W. A.....	2.00	Manor, William A.....	2.88
Light and Power Commission.....	2.10	Manson Hardware Co.....	9.50
Light, Walter H.....	97.00	Mapp, Charles H.....	2.00
Lightfoot, Nicholas.....	2.00	Marblehead Power Co.....	65.16
Lincoln Transfer Co.....	5.75	Marine Review.....	6.50
Lindsay, Ed. C.....	9.10	Marks Electrical Construction Co.....	98.17
Lindsay Rubber Manufacturing Co., The M.....	1.30	Marley, Joe.....	3.25
Ling, Bertha.....	18.00	Marshall, John W.....	49.00
Linville, A.....	3.50	Martin, Daniel C. C.....	165.00
Liston, A. H.....	10.35	Martin, E. H.....	2.75
Little, C. B.....	44.00	Martin & Co., Otto.....	11.00
Little, E. A.....	8.50	Martin-Strelau Co.....	1.35
Little, G. E.....	4.00	Martindale, J. H.....	97.60
Little, John H.....	63.67	Martz, C.....	24.75
Little, Robt.....	11.25	Martz, F.....	13.50
Little Rock Tent and Awning Co.....	35.20	Martz, J. W.....	58.50
Little Rock Towel Supply Co.....	8.71	Martz, S.....	38.81
Lloyd, J. L.....	82.50	Martz, W.....	33.94
Lloyd, Joseph W.....	200.00	Mason, C. M.....	50.00
Lodge, W. B.....	1.50	Mason, E. H.....	5.50
Logan, T. E.....	12.96	Materne Manufacturing Co.....	23.00
London, Robt. A.....	10.00	Matson, Archie R.....	2.00
Longhead, W. G.....	5.00	Mead & Howard.....	130.00
Longs Towel Supply.....	12.00	Mead, Wm. H.....	8.00
Long, Charles N.....	10.00	Meade, C. E.....	37.00
Loudoun Valley Milling Co.....	234.97	Meek, Geo. F.....	4.15
Lount, W. B.....	20.00	Meek, Sam W.....	11.50
Lowe, Geo. F.....	7.00	Megquier & Jones Co.....	5.00
Ludwigs & Hunziker.....	2.00	Meier Co., George.....	11.20
Lund & Co., B. J.....	188.25	Melbye & Berg.....	40.00
Lundegreen, C. J.....	1.50	Merchants Delivery Co.....	3.90
Lutz & Co.....	92.65	Merchant & Evans Co.....	7.00
McBride, C. L.....	5.50	Merchants Exchange.....	50.25
McBrvde, J.....	.75	Merchants Transfer Co.....	55.50
McCallister, W. A.....	1.50	Mesker & Bro.....	121.65
McCauley, Robert.....	4.50	Meteorological committee.....	46.38
McCausland & Co., J. N.....	3.50	Meyer & Anselm.....	12.00
McClain & Gray Co.....	5.00	Meyer, Jacob D.....	25.00
McClary, W. H.....	3.50	Meyer Jewelry Co., G. W.....	2.50
McClelland & Co.....	21.00	Michael, A.....	4.00
McClure, F. A.....	2.40	Midgett, Apollos D.....	4.00
McClure Timber Co.....	20.40	Midgett, Etheridge.....	15.00
McCormick & Bates.....	2.75	Midgett, Peleg D.....	1.00
McCormick, O.....	4.00	Midgett, R. T.....	2.00
McCutcheon, J. T.....	1.50	Midgett, S. E.....	5.00
McDermott, G. W.....	4.50	Midgett, Thos. P.....	10.00
McFell Electric Co.....	13.33	Miller, Carl.....	1.00
McGeorge, J. F.....	3.50	Miller, F. W.....	2.00
McGraw Publishing Co.....	1.00	Miller, John A.....	1.50
McGrue, H. C.....	12.00	Miller, John D.....	64.84
McInnes, David.....	38.00	Miller, R. F.....	7.00
McIntosh, John D.....	8.00	Miller-Rice Paint Co.....	3.50
McKinney & Waterbury Co.....	5.00	Miller, William.....	.90
McKeough, F. M.....	9.60	Miller, Tom L.....	4.20
McLaughlin Draying Co.....	3.00	Millhollin, L. A.....	3.18
McMahon & O'Connor.....	6.50	Milwaukee Printers' Roller Co.....	3.00
McNabb & Smith.....	3.41	Milwaukee Typewriter Exchange.....	20.00
McNair, Fred J.....	7.50	Mingus, Edna Irene.....	48.40
McVeigh, Henry B.....	11.10	Missoula Mercantile Co.....	13.75
Maassen, John.....	35.00	Missouri District Telegraph Co.....	13.50
MacIntyre, W. J.....	2.00	Mitcham, J. R.....	6.00
Mackall Bros.....	327.91	Mobile Steam Laundry.....	4.50
Mackenroth, C. C.....	105.00	Mock, Charles W.....	91.25
Maenichol & Son.....	1,346.00	Mocklin, J.....	1.00
Macy, H.....	6.20	Model Laundry.....	12.00
Madsen, M. P.....	2.50	Model Laundry Towel Supply Co.....	12.00
Mahler's Sons, H.....	.50	Model Machinery Co.....	.85
Main, William F.....	3.95	Modern Pharmacy.....	2.00
Malbon, P. J.....	1.25	Mohr, Charles.....	2.75
Mallock & Co.....	3.45	Moliton, J. D.....	2.09
		Monarch Electric and Wire Co.....	.90

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Monarch Typewriter Co.....	\$87.25	Orr & Lockett Hardware Co.....	\$3.80
Moncrieff, Z. E.....	10.00	Orr Transfer Co., J. B.....	3.70
Mooney, Thomas P.....	14.00	Osburn, C. H., & Bro.....	63.56
Moore, Arthur R.....	131.00	Oswego Machine Works.....	6.00
Moore, Charles.....	2.50	Owen Typewriter Co.....	2.00
Moore, J. J.....	3.00	Oyen Ad. Sign System.....	6.60
Moore, R. S.....	3.00	Pacific Metal Works.....	15.25
Moran Co., John.....	82.55	Pacific Telephone and Telegraph Co.....	173.80
Morehouse, George L.....	40.00	Packard Estate, A. B.....	24.00
Morrill, E. W.....	1.00	Page, Chas. D.....	1.40
Morrow-Thomas Hardware Co.....	1.75	Pain Mfg. Co.....	54.00
Morrow Transfer Co.....	2.56	Palestine Electric and Ice Co.....	32.00
Morshead, Wm. F.....	30.00	Palmer & Co. (Limited), E. C.....	89.44
Moseley, J. M.....	2.50	Palo Duro Contracting Co.....	14.75
Moses & Sons, W. B.....	4.50	Palumbo, Frank G.....	3.00
Mott, Alton H.....	6.21	Panyard & Co., G. V.....	22.00
Mott, John A.....	13.00	Pancoast, J. C.....	15.00
Moulton Light Co.....	36.00	Parker, D. Frank.....	1.00
Muddiman, C. A.....	5.80	Parker, J.....	1.00
Mueller, C. R.....	2.85	Parker, James A.....	45.00
Mull, N. W.....	150.00	Parke, C. C.....	112.35
Mullin, Edward.....	182.00	Parke, N. S.....	9.85
Murphy Co. (Incorporated), E. J.....	29.09	Parke, R. E.....	6.00
Murphy, Fred N.....	30.00	Partow, Andrew C.....	3.00
Murphy, M. P.....	25.00	Pasteur-Chamberland Filter Co.....	24.00
Musson, E. F.....	10.00	Pattee & Co., W. J.....	3.35
Muth & Co., Geo. F.....	486.09	Pauley & Co., C. E.....	5.40
Myers, Carl E.....	228.00	Peacock, C. D.....	3.00
Myers & Co., J. B.....	38.00	Pearce Co., Fredk.....	3.00
Myers, John T.....	35.00	Peerless Hand Laundry.....	5.20
Myers & Topping.....	8.00	Peerless Steam Laundry and Dyeing Co.....	1.50
Nance, W. L.....	2.50	Peet & Powers.....	15.00
Nash & Son (Incorporated), C. A.....	1.75	Pelouze Paper and Type Co.....	42.40
National District Telegraph Co.....	8.00	Peoples Hardware Co.....	10.00
National Electrical Supply Co.....	549.62	Peoria Railway Co.....	2.50
National Lead Co.....	9.81	Peoria Water Works Co.....	34.30
National Machine Co.....	300.00	Perkins, Bert.....	2.50
National Phonograph Co.....	277.28	Perriton, H. A.....	12.50
Nawrath, J. P.....	545.10	Perry Electric Co., W. M.....	2.75
Negus, Richmond A.....	67.29	Peterson, A. E.....	1.85
Nelson, Emil.....	1.50	Peterson, C.....	84.75
New York Maritime Register.....	70.00	Peterson, Victor.....	40.00
Nevada Hardware and Supply Co.....	44.28	Petrinovich & O'Donnell.....	55.75
Nevada Transfer Co.....	13.00	Pettee & Co., W. J.....	26.90
Newhouse, Spencer.....	7.00	Pfeiffelman, W.....	50.00
Newman, E. S.....	60.00	Pherson, Robert.....	2.00
Nickell, W. H.....	5.00	Philadelphia Bourse.....	3.42
Nicklin, I. W.....	10.00	Philadelphia Upholstering and Carpet Cleaning Co.....	20.00
Niemer & Kistenmacher.....	4.40	Phillips, Maynard.....	22.50
Nightingale, George.....	2.75	Phosphor-Bronze Smelting Co. (Limited).....	41.57
Noack, Charles J.....	5.00	Photographic Materials Co.....	11.95
Noakes, N. E.....	5.00	Picken & Denlinger.....	3.35
Nolan, T. J.....	1.50	Pickles, J. L.....	10.00
Noonan, Thos. E.....	36.95	Pierce, William.....	8.00
Norby & Hilde.....	1.70	Pierce, William, Jr.....	5.00
Nordhoff, Wm.....	12.25	Pigford, R. G.....	2.00
Norris Peters Co.....	30.00	Pinder, Robert H.....	55.00
Northern Hardware Co.....	2.25	Pinney Bros.....	159.70
North Platte Water Works Co.....	21.50	Pioneer Carpet Works.....	14.50
Norton, Charles S.....	4.00	Pioneer Electrical Supply Co.....	2.00
Norwich University.....	50.00	Piper, John.....	9.00
Nugent, James.....	.75	Place, George A.....	1.00
Nye, W. A.....	2.00	Plain Dealer Publishing Co.....	3.60
O'Brien, Julia A.....	6.00	Pluke, E. G.....	5.00
Ockel, Hermann A.....	3.00	Poer & Co., J. S.....	46.50
O'Connor Co., The.....	3.00	Polar Wave Ice and Fuel Co.....	15.40
Office Equipment Co.....	81.00	Polk, T. H.....	39.00
Office Supply and Fixture Co.....	2.45	Polker, H. A.....	20.00
Oil Well Supply Co.....	39.85	Pool, Victor A.....	2.35
Oklahoma Railway Co.....	8.00	Poole, Henry A.....	12.00
Oklahoma City Street Railway Co.....	50.00	Portage Lake Hardware Co. (Limited).....	8.00
Okonite Co. (Limited).....	776.45	Porter Burnham Co.....	22.90
Omaha Towel Co.....	6.00	Post Exchange, Fort Yellowstone.....	6.55
O'Neill, Eugene.....	45.00		
O'Neill, W. E.....	25.00		
Oregon Transfer Co.....	.75		

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Postmaster, Philadelphia, Pa.	\$7.00	Rowe & Son, A. C.	\$540.00
Potcherneck, George.	5.00	Rowell Co., Robt.	6.45
Powell, Eugene.	12.00	Rubenstein, I. R.	6.00
Powers, Frank.	41.00	Rudolph & West Co.	269.37
Price Brothers.	16.24	Rue, Frank E.	24.45
Price Brothers.	3.00	Ruggles, Chas. R.	15.00
Price & Thomas.	15.00	Ruring, Garrett A.	134.00
PrLOUR, Theo.	5.00	Russell, P. K.	230.77
Providence Ice Co.	6.00	Russell, S. A.	1.00
Prowell Hardware Co.	3.75	St. Louis Suburban Express.	19.10
Puget Sound Mills and Timber Co.	10.60	St. Louis Toilet Supply Co.	12.00
Puginire, William L.	12.00	St. Louis Transfer Co.	20.32
Pugsley, W. H.	2.90	Sadler Furniture Co., The H. R.	2.00
Pullman, E. J.	56.60	Sage, B. H.	15.00
Purcell, Everett.	175.00	Salt Lake Hardware Co.	10.36
Putnams Sons, G. P.	12.00	Salt Lake Transfer Co.	58.00
Quidley, Brumsey.	15.00	Salt Lake Tribune Publishing Co.	2.50
Quints Sons Co., S. H.	45.00	Salzer Seed Co., John A.	60.00
Rains, A. J.	6.00	Sanders, James B.	15.00
Raleigh Construction Co.	29.70	Sanderson, G. T.	.50
Ranney, W. H.	8.10	San Diego Hardware Co.	1.58
Rathbun Bird Co.	12.00	Sanguinette, E. F.	36.00
Rathsack, George A.	17.00	San Jose Transfer Co.	1.00
Rau, John C.	116.78	San Luis Implement Co.	3.00
Ray Manufacturing Co., W. S.	12.92	San Pedro, Los Angeles and Salt Lake	
Reames, A. W.	25.00	R. R. Co.	6.00
Recht, Phil.	22.00	Santa Fe Hardware and Supply Co.	87.75
Record Oil Refining Co.	2.95	Santa Fe Water and Light Co.	51.00
Red Ball Transfer and Storage Co.	6.00	Sault Ste. Marie Gas and Electrical Co.	6.50
Regelman, Jacob.	43.20	Searr, Laura E.	4.50
Reid, H. P.	6.57	Searritt-Comstock Furniture Co.	88.50
Reilly, Hugh.	284.55	Schaefer & Co., E. G.	48.05
Reinisch & Bott.	27.10	Schaefer Rubber Co.	3.39
Reliable Transfer Co. (Incorporated)	4.62	Schaffer, John W.	10.50
Remington Typewriter Co.	691.48	Schardt, Geo. P.	24.00
Renear, Walter H.	6.50	Scheuerlein Roofing and Supply Co.	6.97
Renisch & Bolt.	8.40	Schmidt, Fred A.	224.78
Reno Cornice and Sheet Metal Works.	96.00	Schmidt, Michael.	22.00
Reno Livery Co.	145.00	Schneider Bros.	751.65
Reno Paint Co.	22.00	Schoellhorn-Albrecht Machine Co.	1.40
Repsholdt, C.	2.75	Scholes, J. B.	30.00
Reuter, Carl H.	208.00	Schroeter Bros. Hardware Co.	1.50
Revell & Co., Alex. H.	43.50	Schuler, John.	25.00
Rew, W. O.	6.00	Schwakopf, George A.	1.50
Rey, W. E.	62.00	Schumert & Warfield.	268.00
Reynolds, Clarence V.	2.50	Scott Drug Co.	2.00
Reynolds Co., The W. G.	15.00	Seruggs - Vanderwoort - Barney Dry	
Rhud, H. C.	11.25	Goods Co.	1.00
Riddick & Mann.	2.50	Seull, R. A.	4.00
Riford, Walter L.	4.50	Seidler, Otto.	60.00
Rigly & Wilson.	6.50	Senter & Co., William.	2.00
Riley, Thomas R.	30.00	Service, W. P.	2.00
Riley, W. H.	20.00	Seth Thomas Clock Co.	110.05
Ringen Stove Co.	3.50	Severns, J. O.	1.80
Risley, L. L.	25.00	Seybolt, Alva.	10.00
Rixse, Chas. E.	9.00	Shafer, A. H.	8.00
Roach, F. W.	196.80	Shannon, T. B.	7.00
Robbins Electrical Co.	3.75	Sharp, George B.	5.00
Roberts, Alvin H.	22.00	Shattuck, De Witt.	26.25
Roberts & Son Co., John M.	1.50	Shattuck Co., E. J.	2.40
Roberts, Morris.	2.00	Shaw, Richard A.	30.00
Robertson, J. L.	4.00	Shaw, A. W.	10.00
Robertson, W. A.	175.85	Sheafe, L. B.	40.00
Robinson & Son Co., W. C.	17.85	Sheeran, Peter.	22.10
Robinson, William.	6.50	Sheldon, L. S.	3.00
Robson, J.	135.00	Sherman Bros.	52.00
Roche & Co., J. R.	3.00	Sherman, E. H.	8.00
Rochester Railway and Light Co.	10.00	Sherwin, George D.	10.00
Roelblings Sons Co., John A.	38.92	Shields, N. J.	218.00
Rogers, Chas.	4.10	Shores, W. G.	10.00
Rogers, J. M.	1.00	Shriner, E. J.	39.00
Rollinson, W. H.	17.20	Shute, Richard G.	1.50
Rose & Co., John.	36.47	Siedle & Sons (Incorporated), R.	3.00
Rose & Sons, W. J.	19.25	Siersderfer, Martin.	100.00
Ross, Crockett.	2.00	Simmons, W. R.	2.00
Ross, F. T.	15.40	Singleton, R.	1.75
Rotograph Co.	6.07	Singleton, Wm.	6.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation 'General expenses, Weather Bureau, 1908, \$645,000'—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Skinner & Kennedy Stationery Co.....	\$2.00	Swain, C. H.....	\$2.00
Sloane & Co., W. & J.....	30.00	Swain & Co., William T.....	243.70
Small, W. M.....	32.00	Swayze, W. L.....	30.10
Smedman, Victor.....	1.00	Swayze, Bailey & Co.....	10.65
Smith, E. E.....	8.80	Sweany, J. H.....	3.00
Smith Elcet. Contract Co., E. P.....	11.87	Sweeney, J. M.....	6.00
Smith, Geo. J.....	12.50	Sweningsen, A.....	1.50
Smith Co., Geo. P.....	15.00	Swift, F. B.....	3.00
Smith, John.....	25.00	Syracuse Trunk Works.....	6.50
Smith, J. L.....	5.00	Taber Prang Art Co.....	221.60
Smith, M. F.....	31.00	Tacoma Railway and Power Co.....	35.00
Smith, T. B.....	9.00	Tacoma Toilet Supply Co.....	6.00
Smith, W. H. H.....	4.00	Tafel, Herman C.....	8.75
Smith, W. O.....	10.50	Taft, C. E.....	267.50
Smith Premier Sales Co.....	11.00	Talbot & Hubbard.....	2.60
Smith Premier Typewriter Co.....	1,584.85	Talmage, M. F.....	3.00
Smithsonian Institution.....	16.00	Taltavall, J. B.....	1.00
Snedicor, H. T.....	12.00	Tappan, Chas. R.....	242.00
Snyder Bros.....	11.35	Tarlington, L. D.....	11.38
Snyder, Harry A.....	5.50	Teague, J. R.....	15.00
Somers, Fittler & Todd Co.....	40.46	Telegraph Age.....	5.00
Somerville Co., Thos.....	287.72	Temple, C. M.....	2.50
Somerville, W. T.....	32.00	Texico Transfer Co.....	13.50
Sorenson, Peter.....	84.00	Tharp, Victor A.....	1.00
Sorenson, Soren P. D.....	4.00	Thill & Lapitz Plumbing and Heating Co.....	3.85
Souder, Maurice B.....	6.49	Thomas Co., Arthur H.....	50.41
Southern Electric Co.....	13.00	Thomas, G. C.....	2.00
Southern Printers Supply Co.....	734.40	Thomas, James.....	9.50
Southwest Printers Supply.....	3.20	Thomas Hardware Co., Morrow.....	3.75
Southwestern Telegraph and Telephone Co.....	1.00	Thomas, W. W., jr.....	27.00
Sowers, Hugh H.....	2.00	Thompson & Bro., L. O.....	2.00
Spades, Sebastian A.....	10.00	Thompson Hardware Co., W. A. L.....	1.00
Spaights, J. L.....	5.00	Thompson, James.....	10.00
Spaulding & Co.....	8.00	Thompson & Thompson.....	19.25
Spear Bros.....	1.30	Thornton, Hilliard.....	2.00
Spence, C. A.....	3.00	Thorpe & Hoberg.....	2.50
Spokane Drug Co.....	1.50	Thorsen & Co., Fisher.....	31.55
Spokane Elcet. Supply Co.....	3.50	Thresto, Will F.....	5.00
Spotswood, H. M.....	10.50	Tibbetts Paint Co., H. R.....	9.50
Spott & Jefferson.....	2.00	Tibbitts, H. C.....	5.04
Spriegel, C. W.....	7.50	Tichenor, Geo. E.....	6.25
Springfield Light, Heat, and Power Co.....	161.98	Tiefenbach, V. J.....	1.50
Springfield Water Works.....	17.21	Tillet, George.....	2.00
Stack, John.....	10.00	Todd, George B.....	9.75
Stafford Engraving Co.....	4.50	Tomlin, R. L.....	2.50
Standard Electrical Supply Co. (Incorporated).....	25.09	Tonopah Sewer and Drainage Co.....	36.00
Standard Electrotype Co.....	1.45	Tonopah United Water Co.....	104.30
Standard Oil Co.....	934.88	Topeka Transfer and Storage Co.....	10.00
Starkey, W. G.....	6.00	Topham, James S.....	650.00
Stavely, J.....	17.90	Toup, Robert.....	17.50
Stavely, J. A.....	4.50	Town of Flagstaff.....	18.00
Stebbins Hardware Co.....	.25	Trautchild Co., C. M.....	15.00
Stechert & Co., Gustav E.....	615.57	Treadway Electric Co.....	1.25
Steele, W. S.....	2.50	Treman, King & Co.....	1.10
Stewart, Geo. W.....	2.25	Tricon, Louis.....	5.00
Stewart, S. B.....	653.58	Tripple, C. J.....	45.00
Stewart, T. M.....	1.32	Tull & Gibbs (Incorporated).....	41.50
Stickel, W. E.....	2.00	Tuttle, Earl W.....	267.50
Stift, Chas. S.....	3.50	Twiford, O. N.....	2.00
Stiles Co., The.....	12.40	Twitty, A. L.....	1.00
Stoddard Bros. Drayage Co.....	2.50	Typewriter Exchange, The.....	26.50
Stone, O. R.....	10.00	Typewriter Inspection Co.....	6.00
Stormont, D.....	4.00	Typewriter and Office Supply Co.....	1.50
Stover Engine Works.....	14.00	Tyrell, John W.....	61.29
Stowe, A. J.....	9.00	Uhl, Henry.....	5.00
Streeter, Henry E.....	4.25	Uhler & Co.....	5.50
Strehlow, Rudolph.....	10.00	Underwood Typewriter Co.....	933.08
Stringfellow, H. W.....	20.50	Union Ice Co.....	41.45
Strong, B. W.....	10.00	Union Pacific Transfer Co. (Limited).....	4.00
Stuke, Ernest.....	10.00	Union Transfer Co.....	32.46
Suez, Otto J.....	7.75	United Electric Co.....	17.00
Sullivan Oil Co.....	3.60	Universal Adding Machine Co.....	230.77
Summers Printing Co.....	2.76	University of Chicago.....	3.60
Supe, Otto.....	3.00	University of Chicago Press.....	1.35
Sutherland, Friend I.....	5.00	Utah Gas and Coke Co.....	15.65
		Ulter, F. N.....	8.60

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Virginia Manufacturing Co.....	\$5.60	White, George.....	\$5.00
Vacuum Carpet Cleaning Co.....	2.75	White, J. W.....	4.00
Vacuum House Cleaning Co.....	1.25	White & Orton.....	7.50
Van, Bessey.....	3.00	Whitlock Printing Press Manufactur-	
Van Bibber Roller Co., The.....	4.00	ing Co.....	1,585.00
Vanderhule & Sampson.....	3.25	Whitmore, Alfred O.....	36.90
Vane-Calvert Paint Co.....	.40	Whitney, Alex. E. J.....	194.40
Van Nort Electrical Co., E. C.....	29.15	Whitmore, E. F.....	3.00
Van Order, H. E.....	35.00	Wichita Rug Co.....	7.50
Van Winkle Trucking Co., E. B.....	4.00	Wihman & Co., C. D.....	8.25
Verley, W. R.....	100.00	Wiegand, Martin.....	2,132.50
Vermont Experiment Station.....	7.45	Wigaard, R.....	40.00
Via & Co., W. L.....	17.50	Wiggers estate, E.....	2.75
Vickers, D.....	5.00	Wiggerts & Son, C. F.....	3.50
Victor Machinery Co.....	9.00	Wilburn, W. L.....	3.40
Vincent, Frank.....	40.00	Wild & Stevens (Incorporated).....	12.00
Vineent, H. A.....	3.50	Wilks, E. S.....	3.75
Von Blucher, Geo. A.....	14.00	Williams, A. P.....	2.40
Vorpahl, R. H.....	9.00	Williams & Sons, Jonah.....	30.00
Vyn & Sons, D.....	2.00	Williams, Lowney.....	20.00
Wade, W. R.....	8.00	Williamson Towel Supply Co.....	6.00
Wagner, John.....	2.50	Willis, John B.....	7.50
Wakefield Water Co.....	28.00	Willoughby, L. F.....	252.88
Walker, F. E.....	43.75	Willis, Benjamin.....	12.00
Walker Sons, J. T.....	1.70	Willson Hardware Co., R. D.....	45.00
Wallace, Albert L.....	8.00	Wilmot, Joseph H.....	32.50
Wallace, D.....	2.50	Wilson Hardware Co.....	13.50
Wannaomet Water Co.....	22.50	Wilson, Libbie.....	6.00
Wansky, Frank.....	1.50	Wilson, M. V.....	24.00
Ward, A. S.....	10.00	Wilson Office Supply Co.....	3.50
Ward, W. A.....	6.00	Wilson, W. R.....	46.00
Ward & Ward.....	45.00	Wind, Chris.....	12.00
Warner Hardware Co.....	1.40	Wineman, D. M.....	.50
Warner, L.....	2.40	Winhurst, Fred.....	44.00
Warner & Swasey Co.....	90.00	Winston, R. L.....	3.00
Warner, Vera V.....	12.00	Wise, John.....	1.00
Warwick Machinery Co.....	16.00	Wiser, C.....	9.50
Washburn & Son.....	46.00	Wolbert Hardware Co.....	82.75
Washburn Wire Co.....	374.18	Wood & Davis.....	5.50
Washington Wood Working Co.....	132.00	Wood Co., Harry I.....	13.10
Waterbury Battery Co.....	1,516.50	Wood, L.....	33.60
Water Department of Atlantic City.....	9.36	Wood Boiler Works, P. F.....	40.00
Waterfield, J. C.....	13.00	Woodhouse, C. M.....	50.00
Waters, Perry N.....	2.50	Woodmansee, G. F.....	2.00
Waters Pierce Oil Co.....	1.25	Woodruff Manufacturing Co.....	453.00
Watson, R. O.....	15.00	Woodward Hardware Co.....	2.30
Watson, S. J., Jr.....	25.00	Woodward & Lothrop.....	62.62
Waugh, Kealy & Co.....	15.80	Woodworth, Ed. A.....	61.75
Waxahachie Nursery Co.....	5.50	Woodworth, James F.....	60.00
Webber, A. J.....	10.00	Wrang, George.....	26.00
Webber Machine Works.....	15.00	Wurster Construction Co.....	6.00
Weber & Co., F.....	.75	Wyatt, E. A.....	18.00
Webster Co., F. S.....	6.00	Yantis, Allen B.....	4.60
Weeks, Arthur J.....	3.00	Yarger, Samuel J.....	52.25
Weidler, George.....	1.75	Yates & Co. (Incorporated).....	7.70
Weil, J. B.....	3.00	Yeager, Lewis.....	4.00
Weld & Sons.....	3.00	Yeable, Henry R.....	3.00
Wentworth, M. R.....	2.50	Yellowstone Park Association.....	3.65
Wescott, L. S.....	2.00	Young Building Co. (Limited) Alex.....	36.00
West, John E.....	2.50	Young, Henry.....	35.00
Western Electric Co.....	33.70	Zemmin, E.....	8.00
Western Electric Works.....	11.50	Zichtl & Co., A.....	125.00
Western Newspaper Union.....	700.04	Zion's Cooperative Mercantile Institu-	
Western Supply Co.....	2.20	tion.....	3.43
Western Union Telegraph Co.....	24.00	Zirjacks, Chas. E.....	2.00
Westinghouse Electric and Manufac-			
turing Co.....	97.00	Total.....	104,217.79
Westinghouse Machine Co.....	63.00		
Westlake, A. T.....	1.00	<i>Furniture.</i>	
Western Electrical Installation Co.....	6.95	Abraham & Straus.....	8.00
Westerbee, M. H.....	10.00	Adjustable Table Co.....	15.00
Wheeler, O. B.....	2.50	Armstrong Furniture Co.....	5.25
Whitcomb, Hugh F.....	8.00	Backus, L. L.....	16.00
White, Caesar.....	25.00	Baker Office Furniture Co.....	20.00
White, Clifford L.....	3.00	Bass & Harbour.....	13.00
White, David M.....	5.00	Beach Co., R. C.....	3.50
White, F. L.....	12.00		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Furniture—Continued.</i>	
Beauchamp-Polk Carpet and Furniture Co.....	\$219.40	Margarida, Rafael.....	\$31.20
Beaudry & Co.....	64.00	Martin, T. C.....	17.45
Bellamore, David.....	40.00	Melton, J. A.....	49.00
Bender & Co., Mathews.....	96.90	Minnaugh & Co., J. L.....	13.00
Broadwater, Pepin & Broadwater.....	4.95	Molitor, J. D.....	12.00
Brown & Co., C. F.....	101.50	Montgomery & Co.....	3.00
Buckner, W. L.....	10.00	Moses, D.....	66.95
Buddeke Bros. & Co.....	5.75	Moses & Sons, W. B.....	602.57
Burk, W. J.....	10.00	Mower, W. K.....	5.00
Buschman & Co., W. S.....	60.00	Muren, Schutt & Pierson.....	10.00
Carpenter, D.....	24.00	Neal, Goff & Ingles Co.....	28.50
Chamberlain Johnson Du Bore Co.....	16.00	Neil, Lee.....	16.60
Chanter, John.....	4.50	New York Frame and Picture Co.....	18.75
City Hardware Co.....	8.50	Noble & Lane.....	4.25
Coe, J. M.....	12.00	Noglesberg, John.....	17.50
Coffey & Son, J. W.....	9.00	Nusbaum Book and News Co.....	17.50
Consolidated Ice Co.....	8.10	Office Equipment Co.....	3.00
Cooper & Powell Furniture Co.....	31.50	Oliver, McClintock Co.....	32.00
Dickinson, C.....	15.25	Paine Furniture Co.....	543.05
Dole & Co.....	30.00	Peck, L. P.....	152.20
Drake, E. J.....	10.00	Price & Co.....	25.00
Drew Co., The H. & W. B.....	4.00	Pulaski Gas Light Co.....	10.20
Faunce, E. L.....	2.50	Purnell, W. F.....	6.90
Fellman Dry Goods Co.....	63.30	Ray Manufacturing Co., W. S.....	32.84
Finck Stationery and Printing Co., F. J.....	48.40	Reedy, Thos.....	29.00
Fischer, Frank.....	4.00	Reynolds & Co., W. G.....	39.00
Fletcher, R. B.....	19.00	Rigby & Wilson.....	142.95
Frothingham, Heffernan & Co.....	513.03	Robeson Hardware Co.....	5.00
Fuller Desk Co., Geo. H.....	47.60	Rosbek Bros. Co.....	16.50
Fuller & Co., W. P.....	7.25	Ruscoe & Lundblade.....	3.50
Genurtz & Sons, F.....	65.10	Sanborn, Vail & Co.....	43.65
Gill Co., The J. K.....	7.00	Sawyer Carpet House.....	6.00
Ginn & White.....	34.00	Scarritt-Comstock Furniture Co.....	130.70
Globe Wernick Co.....	36.15	Schipper & Block (Incorporated).....	19.87
Grand Rapids Furniture and Carpet Co.....	32.00	Schlener Stationery Co., John A.....	9.00
Grape & Co., A. H.....	20.00	Schupp & Schmidt Manufacturing Co.....	3.00
Green Bros. Co.....	18.70	Schneide & Monroney.....	14.25
Greene, H. G.....	12.00	Scruggs-Vandervoort-Barney Dry Goods Co.....	297.15
Grote Rankin Co.....	56.80	Selley, W. Jr.....	5.50
Hall Stationery Co.....	69.05	Shaw Walker Co.....	44.95
Hardy Furniture Co.....	86.30	Skinner & Kennedy Stationery Co.....	32.50
Haswell Furniture Co.....	13.75	Sloane, W. & J. (Incorporated).....	700.13
Havner, Robt. A.....	7.00	Smith, Percy.....	56.50
Hawaiian Office Specialty Co.....	75.00	Southwest Printers' Supply.....	88.45
Hildreth & Son, J. W.....	85.00	Springer, T. H.....	5.00
Hoeke, W. H.....	167.61	Standard House Furniture Co.....	72.00
Holstege, B.....	80.00	Stowell & Co., R. A.....	5.00
Holt Art Co.....	19.75	Stringfellow, H. W.....	28.80
Home Furnishing Co.....	19.70	Sydnor & Hurdley.....	36.35
Honolulu Photo Supply Co.....	22.50	Tampa, Havana Lumber Co.....	19.75
Hooper's Sons, Orin.....	3.50	Taylor & Carpenter.....	37.80
Howard, F. G. & A.....	123.00	Thornton-Levey Co.....	41.75
Innes & Co., George.....	81.20	Tull & Cobs.....	108.50
Iowa House Furniture Co.....	6.00	United States Treasury Department.....	553.35
Jenks, Walter L.....	2.25	Valley, F. W.....	6.00
Keystone Type Foundry.....	76.53	Vance, A. B.....	12.25
Kidwell, J. I.....	7.85	Vincent-Barstow Co.....	14.50
Kiel, Thomas J.....	1.70	Vorbeck, H. F.....	5.30
Kistler Stationery Co., W. H.....	37.00	Welch Co., The E. B.....	25.00
Lake, E. E.....	69.13	Widman & Co., C. D.....	348.00
Libanean's Art Store.....	11.25	Wiegand, Martin.....	15.50
Lansburgh & Bro.....	13.50	Woodruff Manufacturing Co.....	24.00
Lansburgh Furniture and Carpet Co., Julius.....	126.72	Woodward & Lothrop.....	1,302.26
Levi & Co., Jos.....	9.60	Yates & Co., C. W.....	12.50
Leviston Furniture Co.....	15.00	Yawman & Erbe Manufacturing Co.....	8.00
Lexington Plumbing Co.....	12.50	Zimmerman Hardware and Manufacturing Co.....	2.75
Library Bureau.....	121.75		
Light, Walter H.....	6.25	Total.....	9,208.40
Lind, C. C.....	6.50		
Lynchburg Furniture Co.....	63.50	<i>Fuel.</i>	
McCoy, W. T.....	9.00	Adsit Coal Co., E. S.....	116.00
McGregor, R. F.....	10.00	Amarillo Grain and Coal Co.....	107.50
McIntosh Hardware Corporation.....	3.75	American Ice Co.....	113.75
		Baker, C. H.....	14.00

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Fuel—Continued.</i>		<i>Freight.</i>	
Benson, Carpenter & Co.	\$4.00	Adams Express Co.	\$2.25
Birge, W. W.	73.59	Alabama and Vicksburg Ry.	14.11
Brubaker, A. B.	1.00	Atchison, Topeka and Santa Fe Ry.	
Burch & Son, W. H.	36.00	Co.	230.44
Capel, J. S.	1.00	Atlantic City R. R. Co.	2.38
Chavey, Jose	53.75	Atlantic Coast Line R. R. Co.	24.94
Clearwater Fuel Co.	42.00	Baltimore and Ohio R. R. Co.	128.86
Columbia Ice and Fuel Co.	100.00	Baltimore and Ohio Southwestern	
Conley, E.	50.00	R. R. Co.	41.62
Consumers Ice and Coal Co.	108.75	Boston and Albany R. R.	4.50
Crosby, Mary E.	111.00	Boston and Maine R. R.	4.66
Dacotah Lumber Co.	168.32	Central of Georgia Ry. Co.	4.10
Dixon, Galen J.	30.00	Central R. R. Co. of New Jersey	1.64
Etheridge, A. H.	12.75	Central Vermont Ry. Co.	15.51
Evans & Meekins.	60.25	Chesapeake and Ohio Ry. Co.	22.78
Evans, R. C.	4.25	Chicago, Burlington and Quincy R. R.	
Ferguson, James A.	232.50	Co.	78.19
Fernandes, Antone.	40.00	Chicago Great Western Ry. Co.	5.08
Ferns Coal Co.	36.00	Chicago, Milwaukee and St. Paul Ry.	
Fitzgerald, H. J.	4.65	Co.	82.64
Ford & Dunn Fuel and Feed Co.	97.29	Chicago and Northwestern Ry. Co.	34.75
Gannon & Co., J. D.	42.00	Chicago, Peoria and St. Louis Ry. Co.	.22
Gostman, David.	10.00	Chicago, Rock Island and Pacific Ry.	
Guffin, W. J.	19.00	Co.	12.39
Hayre Coal Mining Co.	120.00	Chicago, St. Paul, Milwaukee and	
Hobbs, Harold B.	66.00	Omaha Ry. Co.	4.02
Hoyt & Son, H. O.	62.25	Cincinnati, New Orleans and Texas	
Iddings, C. F.	74.88	Pacific Ry. Co.	1.06
Iowa Grain and Fuel Co.	151.20	Cleveland, Cincinnati, Chicago and	
Ives & Smith.	182.00	St. Louis Ry. Co.	28.65
Jefferson, George H.	26.95	Cumberland and Pennsylvania R. R.	
Jones, E. P.	30.00	Co.	.61
Jordin, A. O.	70.00	Davis, Turner & Co.	13.75
Killen, John	42.00	Delaware and Hudson Co.	6.21
Krupp, Edward	14.50	Delaware, Lackawanna and Western	
Lawrence, Jesse E.	75.00	R. R. Co.	3.61
Lewiston Fuel and Transfer Co.	125.00	Denver and Rio Grande R. R. Co.	128.48
Link, Lawrence	10.00	Detroit and Mackinac Ry. Co.	4.25
Lund & Co., B. J.	3.50	Duluth, South Shore and Atlantic	
Napiontek, Albert	40.00	Ry. Co.	4.62
Nelson Bros.	88.45	El Paso and Southwestern System	2.71
Nottingham & Wrenn Co.	120.00	Evansville and Indianapolis R. R. Co.	.73
Pattee, J. R.	8.80	Evansville and Terre Haute R. R. Co.	3.59
Payne, J. Elmer	4.60	Florida East Coast Co.	8.24
Peninsula Bark and Lumber Co.	7.00	Georgia R. R. Co.	.98
Perry, Frank	112.50	Grand Rapids and Indiana Ry. Co.	8.78
Phoenix Wood and Coal Co.	40.00	Illinois Central R. R. Co.	23.77
Plaster, Geo. E., jr.	969.33	Iwaco R. R. Co.	.83
Post quartermaster, Fort Yellowstone.	11.00	Lake Shore and Michigan Southern	
Powell & Powell (Incorporated)	36.78	Ry. Co.	3.16
Roberts, R. P.	50.00	Lehigh Valley R. R. Co.	3.27
Rollinson, W. H.	119.45	Louisville and Nashville R. R. Co.	53.61
Scott, Chas. B.	252.40	Minneapolis and St. Louis R. R. Co.	2.04
Seward Coal Co.	170.00	Mallory Steamship Co.	2.20
Smith, J. W.	31.00	Michigan Central R. R. Co.	4.91
Snow, D. J.	25.00	Missouri, Kansas and Texas Ry. Co.	20.90
Stevenson, J. S.	78.62	Missouri Pacific Ry. Co.	63.51
Stoltze, F. H.	249.71	Moline and Ohio R. R. Co.	1.17
Stormont, D.	36.25	Morris Bros. & Co.	1.00
Thomasville Ice and Manufacturing Co.	22.00	Narragansett Pier R. R. Co.	.82
Tucker, J. C.	54.22	Nashville, Chattanooga and St. Louis	
Utah Fuel Co.	56.00	Ry. Co.	2.02
Wachter, G. C.	10.00	New Bedford, M. V. and N. S. B. Co.	1.30
Wakefield Lumber Co.	72.46	New Orleans and Northeastern R. R.	
Watson, R. O.	42.50	Co.	29.94
Weberhardt, Charles	70.00	Newport News and Old Point Com-	
Western Fuel Co.	147.14	fort Railway and Electric Co.	.41
Whipple, Edgar	12.00	New York Central and Hudson River	
Williams, L. D.	125.00	R. R. Co.	55.51
Willis, H. F.	125.00	New York, New Haven and Hartford	
Wittenberg & Co.	180.00	R. R. Co.	6.91
Wonderhard, Chester	3.50	New York, Ontario and Western R. R.	
		Co.	.45
		New York and Porto Rico Steamship	
		Co.	8.41
Total	6,113.34		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight—Continued.</i>		<i>Telegraph—Continued.</i>	
Norfolk and Southern Ry. Co.....	\$0.87	Put-in-Bay Telegraph Co.....	\$20.60
Norfolk and Washington Steamboat Co.....	21.07	United Fruit Co.....	.76
Old Dominion Steamship Co.....	1.85	West India and Panama Telegraph Co. (Limited).....	1,134.93
Oregon Railroad and Navigation Co.....	113.54	Western Union Telegraph Co.....	165,607.05
Oregon Short Line R. R. Co.....	141.23	Total.....	184,340.70
Oregon Water Power and Ry. Co.....	.25		
Pacific Coast Steamship Co.....	7.18	<i>Telephone.</i>	
Peninsular and Occidental Steamship Co.....	15.04	Adirondack Home Telephone Co.....	13.50
Pennsylvania R. R. Co.....	32.05	Alabama, Mississippi and Tennessee Telephone Co.....	49.25
Pere Marquette R. R. Co.....	14.47	Albany Home Telephone Co.....	20.00
Philadelphia and Reading Ry. Co.....	1.18	Amarillo Telephone Exchange.....	36.00
Phoenix and Eastern R. R.....	2.90	Asheville Telephone and Telegraph Co.....	42.00
Raleigh and Southport Ry. Co.....	.90	Atlantic Coast Telephone Co.....	36.00
Richmond, Fredericksburg and Potomac R. R. Co.....	6.32	Bell Telephone Co. of Buffalo.....	199.00
San Pedro, Los Angeles and Salt Lake R. R.....	105.88	Bell Telephone Co. of Missouri.....	146.97
St. Louis and Hannibal Ry. Co.....	2.04	Bell Telephone Co. of Pennsylvania.....	127.50
St. Louis and San Francisco R. R. Co.....	26.10	Benzie County Telephone Co.....	16.00
San Antonio and Aransas Pass Ry Co.....	12.59	Blaisdell, F. G.....	30.00
San Pete Valley R. R.....	.44	Bluff City Telephone Co.....	30.00
Santa Fe Central R. R. Co.....	16.54	Cape Vincent Telephone Co.....	9.00
Seaboard Air Line Ry.....	2.33	Capital City Telephone Co.....	30.00
Southern Pacific Co.....	25.16	Capital Telephone and Telegraph Co.....	18.00
Southern Ry. Co.....	116.21	Carr, J. C.....	12.00
Spreckels & Bros. Co., J. D.....	780.00	Central District and Printing Telegraph Co.....	633.52
Star Union Line.....	27.88	Central New York Telephone and Telegraph Co.....	84.00
Straits Steamship Co.....	40.86	Central Telephone and Telegraph Co. of New York.....	6.00
Steamer Thomas Friant.....	5.97	Central Union Telephone Co.....	303.85
Tonopah and Goldfield R. R. Co.....	1.69	Cherry County Telephone Co.....	30.00
Town of New Shoreham.....	1.30	Chesapeake and Potomac Telephone Co.....	93.42
Union Pacific R. R. Co.....	48.00	Chicago Telephone Co.....	256.38
Virginia and Southwestern Ry. Co.....	1.05	Cincinnati and Suburban Bell Telephone Co.....	70.00
Wasatch R. R. Co.....	14.05	Citizens Telephone Co.....	104.65
Washington County Ry. Co.....	3.19	Cleveland Telephone Co.....	84.00
Washington Southern Ry.....	1.36	Colorado Telephone Co.....	283.75
Western Maryland R. R. Co.....	5.44	Columbia Telephone Co.....	27.50
Western Ry. of Alabama.....	2.45	Columbus Citizens' Telephone Co.....	40.00
Total.....	2,816.85	Concordia Telephone Co.....	24.00
		Consolidated Telephone Co.....	20.00
<i>Express.</i>		Consolidated Telephone, Telegraph, and Electric Co.....	42.00
Adams Express Co.....	271.92	Consolidated Telephone Companies of Pennsylvania.....	36.00
U. S. Express Co.....	510.04	Cumberland Telephone and Telegraph Co.....	2,470.66
Wells, Fargo & Co.....	122.23	Cuyahoga Telephone Co.....	120.00
Total.....	904.25	Dakota Central Telephone Co. (Incorporated).....	842.98
		Dane County Telephone Co.....	33.00
<i>Telegraph.</i>		Delaware and Atlantic Telegraph and Telephone Co.....	45.00
Corvallis and Eastern R. R. Co.....	2.20	Devils Lake Improvement Co.....	30.00
Cuba Submarine Telegraph Co. (Limited).....	2.90	Dodge City Telephone Co.....	36.00
Cumberland Telephone and Telegraph Co.....	33.30	Dubuque Telephone Co.....	24.00
Direct West India Cable Co. (Limited).....	752.28	Duluth Telephone Co.....	50.00
Great Northern Telegraph Co. (Limited).....	289.50	Eastern Telephone and Telegraph Co.....	20.00
Great Northwestern Telegraph Co. of Canada.....	1,244.30	East Tennessee Telephone Co.....	575.20
Harper, J. T.....	45.04	Empire State Telephone and Telegraph Co.....	30.00
International Ocean Telegraph Co.....	1,919.39	Fayette Home Telephone Co.....	48.00
Kelley Island and San Luis Cable Co.....	32.10	Flagstaff Mutual Telephone Co.....	24.00
Marconi Wireless Telegraph Co. of America.....	221.84	Frontier Telephone Co.....	48.00
Marconi Wireless Telegraph Co. of Canada (Limited).....	13.26	Georgia Telephone and Telegraph Co.....	56.25
Marthas Vineyard Telegraph Co.....	190.97	Great Northern Telephone Co.....	24.00
Minneapolis, St. Paul and Sault Ste. Marie Ry. Co.....	197.12	Havre Electric Co.....	31.50
New England Telephone and Telegraph Co.....	6.65	Home Telephone Co.....	109.10
Pacific Telephone and Telegraph Co.....	13.95	Home Telephone Co. of Cairo.....	10.50
Postal Telegraph-Cable Co.....	12,606.56	Home Telephone and Telegraph Co.....	128.89
		Hudson River Telephone Co.....	72.80

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Telephone—Continued.</i>	
Independent Long Distance Telephone Co.	\$22.50	Sunset Telephone and Telegraph Co.	\$79.50
Indianapolis Telephone Co.	60.00	Toledo Home Telephone Co.	90.00
Inter-State Independent Telephone and Telegraph Co.	36.00	Topeka Independent Telephone Co.	36.00
Iowa Telephone Co.	228.65	Tri-State Telephone and Telegraph Co.	108.00
Ithaca Telephone Co.	24.00	Tucker Telephone and Telegraph Co.	60.00
Kalispell Water and Electric Co.	27.00	Tyrell County Telephone Co.	30.50
Kansas City Home Telephone Co.	60.00	Utah Independent Telephone Co.	48.00
Keystone Telephone Co. of Philadelphia.	80.00	Washington County Telephone Co.	30.50
Kinlock Telephone Co.	72.00	Western Electric Telephone System.	24.00
Knox Telephone and Telegraph Co.	6.10	Wichita Independent Telephone Co.	30.00
La Crosse Telephone Co.	33.00	Williamson County Telephone Co.	30.00
Lewis, R. L.	45.00	Wisconsin Telephone Co.	208.35
Lincoln Telephone Co.	48.00	Wythe Mutual Telephone Co.	12.00
Long Distance Telephone Co.	7.50	Wytheville Telephone Co.	12.00
Louisville Home Telephone Co.	78.00	Yankton Telephone Co.	24.00
Maryland Telephone Co.	70.23	York State Telephone Co.	30.00
Mayport Telephone Line.	54.50	Zenith Telephone Co.	36.00
Memphis Telephone Co.	17.70		
Meridian Home Telephone Co.	36.00	Total	17,114.95
Michigan State Telephone Co.	547.35		
Mississippi Valley Telephone Co. of Iowa.	30.00	<i>Rent.</i>	
Missouri District Telephone Co.	4.50	Abrams, John.	298.55
Missouri and Kansas Telephone Co.	146.40	Adams, Orson, jr.	480.00
Mooshead Telephone Co.	64.21	American Surety Co. of New York	3,503.00
Mutual Telephone Co.	60.00	Asheville Library Association.	300.00
Mutual Telephone Co. (Limited).	48.00	Ashurst, Elizabeth L.	355.48
Nebraska Telephone Co.	228.00	Baldwin, Charles.	505.00
New England Telephone and Telegraph Co.	378.34	Bank of Tehama County.	384.80
New York Telephone Co.	308.85	Bank of Wytheville.	350.00
New York and New Jersey Telephone Co.	36.00	Beeson, C. M.	353.00
New York and Pennsylvania Telephone and Telegraph Co.	104.00	Boucher, Charles M.	240.00
Niles, C. M.	15.10	Brown University.	115.00
North Arkansas Telephone Co.	24.00	Buell, Charles J.	522.00
North Dakota Independent Telephone Co.	30.00	Bunne, Dillie L., et al.	368.80
Northfield, Vt., Telephone Co.	18.00	Capitol Trust Co.	60.00
North Platte Telephone Co.	24.00	Chemical Building Co.	1,800.00
Northwestern Telephone Exchange Co.	274.40	Citizens' Bank of Norfolk.	861.00
Ohio River Telephone Co.	66.30	City Bank and Trust Co.	900.00
Ottawa Home Telephone Co.	15.00	City of Palestine.	292.00
Ozark Bell Telephone Co.	42.00	Clark, Dillard H.	720.00
Pacific Telephone and Telegraph Co.	1,739.95	Cleary Bros.	600.00
Palestine Telephone Co.	36.00	Coke, Kate F.	300.00
Peebles, W. B.	15.86	Commissioner of the Interior of Porto Rico.	684.00
Peninsular Telephone Co.	54.00	Connecticut Mutual Life Insurance Co.	600.00
Pennsylvania Telephone Co.	58.50	Connell, James L.	475.00
People's Telephone and Telegraph Co.	40.00	Consolidated Improvement Co.	815.00
Pioneer Telephone and Telegraph Co.	46.80	Cook, A. L.	360.00
Providence Telephone Co.	116.32	Crocker, Jacob.	300.00
Rocky Mountain Bell Telephone Co.	446.05	Cummings, Katherine.	440.00
Roberts Telephone and Electric Co.	18.00	Cutler, Dwight, attorney.	366.67
Roswell Telephone and Manufacturing Co.	42.00	Dann, William H.	28.80
Sandusky Telephone Co.	30.75	Dooley, John E.	1,050.00
Santa Fe Electric Telephone Co.	36.00	Dyal Upchurch Investment Co.	750.00
Sharpe & Rust.	24.00	El Paso and Southwestern R. R. Co. of Texas.	452.87
Shreveport Telephone Co.	22.00	Empire Building Trust.	1,116.00
Snickserville Telephone Co.	20.00	Farmers' Deposit National Bank.	2,650.00
Southern Bell Telephone and Telegraph Co.	1,408.25	Farmers' National Bank of Fresno.	480.00
Southern Bell Telephone and Telegraph Co. of Virginia.	112.50	First National Bank of Kalispell.	360.00
Southern Nevada Consolidated Telephone and Telegraph Co.	30.00	First National Bank of Portland, Me.	700.00
Southern New England Telephone Co.	182.00	Fitzgerald, Harry J.	210.00
Southern States Telephone Co.	38.00	Fraser, Alice R.	504.00
Southern Utah Telephone Co.	25.57	Fraternal Hall Association.	436.00
Southwestern Telegraph and Telephone Co.	406.45	Fremont Lumber Co.	351.00
Southwestern Telephone Co.	22.80	Geiser, Frank E.	412.00
		Given, Lena T.	360.00
		Gregory & Appel.	1,500.00
		Hanna, Richard H.	23.23
		Hannington, Henry, agent.	1,710.00
		Harding, Edgar, estate of.	405.00
		Hayden Co., The.	1,200.00
		Hayden, Maggie T.	360.00
		Hazell, Louisa.	650.00
		Hicks Building Co.	480.00
		Hughes Co., Ed. S.	381.00

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Gas and electricity—Continued.</i>	
Jeffris & Co., T. M.	\$600.00	Astoria Electric Co.	\$16.00
Jones, E. P.	108.00	Atlantic City Electric Co.	62.12
Keating, Fanny L., estate of.	504.00	Atlantic Electric Light and Power Co.,	
Lamb, P. H.	600.00	The.	27.31
Law Building Co.	250.00	Bayfield Light, Power and Water	
Leddy, Frank A., agent.	760.00	Plant.	5.00
Los Angeles Trust Co.	960.00	Benton Harbor & St. Joseph Electric	
Lovenskiold, Oscar C.	248.25	Ry. & Light Co.	25.00
Lovenskiold, Oscar C., estate of.	82.75	Biloxi Electric Ry. and Power Co.	18.00
Lovett, Geo. L.	650.00	Birmingham Ry. Light & Power Co.	18.30
McCall, F. A.	550.00	Board of Fire and Water Commissions.	8.87
Maduro & Sons, S. E. L.	195.00	Born, E. A.	111.00
Majestic Co., The.	1,680.00	Bricker, W. S.	25.00
Marquette County Savings Bank.	420.00	Brush Electric Light and Power Co.	18.00
Marx, M.	825.00	Buffalo General Electric Co.	13.23
Matthiessen, F. W.	360.00	Burlington Light and Power Co.	81.94
Merchants' Exchange, The.	2,400.00	Cape May Light and Power Co.	43.68
Merrill-Ring-Bliss Co.	144.00	Charles City Lighting and Heating Co.	20.10
Michigan Trust Company Building.	1,400.00	Charleston Consolidated Railway, Gas	
Mill Valley and Mount Tamalpais		and Electric Co.	103.12
Scenic Ry.	420.00	Charlevoix Electric Light Plant.	9.00
Mount Washington Ry. Co.	5.00	Cheney Sons, P. H.	15.00
Murdock, Louise C., and Caldwell, J.		Citizens' Electric Co.	25.97
Ed.	135.00	Citizens' Gas and Electric Co.	22.47
Mutual Assurance Society of Virginia.	1,000.00	Citizens' Gas, Electric and Power Co.	94.20
Nicholas Building Co.	820.00	City of Bentonville.	43.92
O'Neill, Eugene.	540.00	City Electric Power Department.	10.00
Osborn, Edward D.	500.00	City of Harbor Springs.	30.00
Parmentier, Margaret.	297.00	City of Iola.	20.88
Peel, E. H.	144.00	City of Lake City.	15.00
Pioneer Press Co.	600.00	City of Milwaukee.	25.00
Prudential Building Co.	956.00	City of Port Angeles.	22.50
Ransom, John E.	540.00	City of South Haven.	25.00
Richard, Emma.	1,200.00	City of Thomasville.	51.12
Roach, F. Norman.	120.00	City treasurer.	13.38
Rolle, H.	36.00	Columbia Electric Street Railway,	
Ross, D. Hope.	120.00	Light and Power Co.	49.20
Scandinavian American Bank, The.	1,200.00	Commercial Electric Co., The.	5.40
Scrattir Estate Co., The.	1,440.00	Commonwealth Edison Co.	16.40
Shelden, Mary E.	375.00	Consolidated Electric Light Co. of	
Smith, E. Milner, agent.	420.00	Maine.	75.00
Smith, John B.	300.00	Consolidated Gas, Electric Light and	
Smith, Willard A.	120.00	Power Co.	16.20
Society for Savings in the City of Cleve-		Consolidated Gas Co. of New Jersey.	33.90
land.	1,440.00	Day, D. H.	30.00
Southern Construction Co.	800.00	Del Rio Electric Light and Ice Co.	10.00
Tacoma Chamber of Commerce Build-		Devils Lake Improvement Co.	93.78
ing Co.	420.00	Dooly, John E.	36.00
Talbot, Walter.	480.00	Duluth Edison Electric Co.	75.00
Taylor National Bank.	540.00	Edison Electric Co., The.	12.00
Thoma-Bigelow.	510.00	Edison Light and Power Co.	7.50
Title Guarantee, Loan and Trust Co.	300.00	Edison Sault Electric Co.	80.00
Tofte, H.	5.00	Electric Light Co.	36.00
Van Deventer, James & L. F.	600.00	Electric Light & Power Co.	13.20
Vicini, Laura P.	220.00	Electric Street Railway, Light and	
Ware, H. J.	444.00	Power Co.	20.16
Warren Mercantile Co., F. E.	620.00	Elizabeth City Electric Light and	
Williams, Burton S.	327.00	Power Co.	25.00
Withrow, John A.	120.00	Escanaba Municipal Lighting Plant.	42.86
Woodliff, Thomas J.	118.75	Eureka Lighting Co.	24.00
Young Bldg. Co. (Ltd.), Alexander.	1,020.00	Fall River Electric Light Co.	3.13
Total.	66,193.95	Flagstaff Electric Light Co.	27.00
<i>Gas and electricity.</i>		Fort Smith Light and Traction Co.	14.00
A. and M. College of Kentucky.	6.00	Frankfort Electric Light Co.	25.00
Ablene Light and Water Co.	4.00	Galveston Gas Co.	37.50
Alpena Electric Light Co.	25.50	Georgetown Electric Co.	35.00
Amarillo Gas Co.	28.95	Gloucester Electric Co.	20.93
Amarillo Water, Light and Power Co.	45.06	Grand Haven City Electric Light Co.	24.96
Anacortes Water Co.	22.50	Grand Rapids Edison Co.	12.00
Annapolis Gas and Electric Light Co.	36.00	Grand Rapids Gas Co.	10.89
Annisston Electric and Gas Co.	122.56	Green Bay Gas and Electric Co.	25.00
Asheville Electric Co.	16.45	Gulfport and Mississippi Coast Traction	
Ashtand Light, Power and Street Ry.		Co.	12.00
Co.	35.00	Havre Electric Co.	90.50
		Helena Light and Railway Co.	64.45
		Houghton County Electric Light Co.	19.37
		Hughes Electric Co.	82.65

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount
<i>Gas and electricity—Continued.</i>		<i>Gas and electricity—Continued.</i>	
Huron Electric Light Plant, The.....	\$1.10	State University.....	\$6.00
Huron Village Electric Light Plant.....	7.00	Steam Lighting and Power Co.....	22.50
Indianapolis Light and Heat Co.....	36.00	Sturgeon Bay Electric Light Plant.....	22.00
Ingles Electric Co.....	1.00	Town of Edenton.....	25.00
Kalispell Water and Electric Co.....	65.25	United Light and Power Co.....	9.12
Kenosha Gas and Electric Co.....	36.00	Utah Gas and Coke Co.....	5.80
Key West Electric Co., The.....	54.59	Washburn Electric Light and Power Co.....	10.00
La Crosse Gas and Electric Co.....	59.25	Washington Electric Plant.....	19.40
Lewiston-Clarkston Co.....	44.52	Wickford Light and Water Co.....	54.39
Light and Power Commission.....	33.82	Total.....	4,613.54
Lincoln Traction Co.....	36.00	<i>Apparatus, instruments, and laboratory material.</i>	
Little Rock Ry. and Electric Co.....	3.44	Bausch & Lomb Optical Co.....	180.46
Loud, H. V.....	12.00	Bosch, J. & A.....	1,581.35
Manistee Gas and Electric Co.....	15.00	Cambridge Scientific Instrument Co. (Limited).....	303.99
Marais Lumber Co.....	13.20	Caxton Co., The.....	20.00
Marblehead Municipal Light Department.....	1.70	Clapp Ammonia Co., The B. P.....	14.48
Marx, M.....	35.00	Eimer & Amend.....	18.00
Menominee and Marinette Light and Traction Co.....	4.92	Feast & Co., H. D.....	2.25
Michigan City Gas and Electric Co.....	25.00	Flint & Walling Manufacturing Co.....	1,168.80
Miller & Son, J. E.....	11.88	Friez, Julien P.....	7,955.50
Milwaukee Electric Railway and Light Co.....	25.00	Green, Henry J.....	4,012.75
Minneapolis Gas Light Co.....	23.50	Holtzer-Cabot Electric Co.....	35.00
Minneapolis General Electric Co.....	0.00	Jenks, W. S.....	742.00
Morgan City Electric Co. (Limited).....	30.00	Leeds & Northrup Co.....	1,671.55
Municipal Electric Lighting Plant.....	14.75	Mackall Bros.....	12.92
Municipal Light Department.....	13.44	Nebraska Electrical Co.....	3.50
Municipal Water, Light, and Power Co.....	15.00	Pfifer & Co., Albert.....	10.00
Muskegon Traction and Lighting Co.....	30.00	Philadelphia Thermometer Co.....	275.00
Mutual Light and Water Co.....	28.80	Pignolet, Louis M.....	204.40
Narragansett Electric Lighting Co.....	36.82	Queen & Co. (Incorporated).....	159.60
Narragansett Pier Electric Light and Power Co.....	40.20	Rock City Electric Co.....	6.00
Nashville Gas Co.....	41.70	Rose, J. L.....	125.31
Nashville Railway and Light Co.....	15.00	Schneider Bros.....	843.50
Nevada-California Power Co.....	18.20	Spindler & Hoyer.....	196.60
New Bedford Gas and Edison Light Co.....	44.63	Stetling Co., C. H.....	3.00
Newburyport Gas and Electric Co.....	37.85	Sussfeld, Lorsch & Co.....	22.00
New London Gas and Electric Co.....	46.75	Taylor Bros. Co.....	109.92
New Orleans Gas Light Co.....	50.84	Taylor, Taylor & Hobson.....	47.68
New Orleans Railway and Light Co.....	8.26	Thomas Co., The Arthur H.....	1,162.62
Newport News and Old Point Railway and Electric Co.....	25.00	Tee, Jr & Son, Otto.....	466.51
Nicholas Building Co.....	21.00	Westinghouse Electric & Manufacturing Co.....	350.00
North Platte Electric Light and Power Co.....	38.74	Weston Electric Instrument Co.....	277.50
Norwich University.....	36.00	Wilman & Co., C. D.....	123.00
O'Connor, James.....	15.84	Widman & Co., J. C.....	266.60
Oklahoma Gas and Electric Co.....	12.10	Total.....	22,371.39
Pacific Gas and Electric Co.....	43.90	<i>Printing and binding.</i>	
Pascagoula Street Railway and Power Co.....	18.00	Aerne Publishing Co.....	103.00
Pellston Electric Co.....	12.50	Arizona Publishing Co.....	624.00
Pellston Light and Power Co.....	14.00	Bismarck Tribune Co.....	533.15
People's Gas and Electric Co. of Oswego.....	22.49	Bork, Michael M.....	33.00
Peoria Gas and Electric Co.....	90.51	Brady, Chas. G.....	28.06
Port Arthur Water Co.....	15.00	Breithaupt Printing Co., L.....	85.00
Port Huron Light and Power Co.....	9.75	Bryan Co., The R. L.....	108.00
Port Lavaca Light, Ice, and Power Co.....	18.00	Bulletin Publishing Co. (Limited).....	286.00
Potter, Rae.....	8.00	Burlington Printing and Bookbinding Co.....	4.25
Power Department, Bayfield.....	5.00	Calkins' Newspaper Syndicate.....	27.00
Quartermaster's Department U. S. A.....	27.04	Cantwell Printing Co.....	13.95
Raleigh Electric Co.....	46.50	Chilton, W. P.....	90.00
Red Wing Gas Light and Power Co.....	15.00	Comly, John.....	2.00
Reno Power, Light, and Water Co.....	12.60	Courier Journal Job Printing Co. (Incorporated).....	97.00
Rockingham County Light and Power Co.....	38.18	Crane & Co.....	4.00
San Antonio Gas and Electric Co.....	12.48	Drew Co., The H. & W. B.....	9.20
Sault Ste. Marie Gas and Electric Co.....	4.90	Duggert, A. J.....	48.00
Sheboygan Light, Power, and Railway Co.....	22.00	Free Press Association.....	15.10
Sheridan Electric Light and Power Co.....	18.20	Galveston Tribune.....	75.00
Springfield Gas Light Co.....	14.30		
Springfield Light, Heat, and Power Co.....	52.23		
Standard Gas and Electric Co.....	23.25		

## WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Printing and binding—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Gernon, Owen	\$2.00	Buell, Allen	\$2.00
Hawaiian Gazette Co. (Limited)	1,128.00	Bunnemeyer, B.	235.45
Huron Printing and Publishing Co.	38.50	Burns, Alex. G.	32.93
Independent Bindery	2.00	Burns, Wm. G.	219.75
Industrial Record Co.	106.00	Butler, Benj. F.	25.30
Jacobs & Holmes	19.25	Byram, John W.	5.05
Kansas Farmer Co.	91.80	Cade, William R.	4.15
Leader Publishing Co.	95.00	Callin, Clement C.	138.33
Lowman & Hanford Stationery and Printing Co.	24.50	Calvert, E. B.	519.69
McAuliffe Printing Co.	150.00	Calvert, S. C.	81.40
Miller, Harold E.	29.30	Campfield, L. M.	8.70
Mitchell & Hotchkiss	51.00	Carpenter, Ford A.	4.60
Naegele Printing Co.	71.50	Carroll, D. J.	10.20
New Mexican Printing Co.	144.00	Chaffee, F. P.	20.07
Palladium Publishing Co.	4.35	Chappel, Geo. M.	121.27
Pattee Printing Co., Fred.	2.50	Church, John P.	7.13
Reno Printing Co.	42.00	Clark, Raymond E.	66.64
Rice, I. M.	2.50	Cline, I. M.	179.67
Ruggles Gale Co.	20.60	Cline, Joseph L.	14.95
Ruzicka, Joseph	63.00	Cogswell, Daniel B.	104.75
Sayers, John F.	3.00	Cole, H. S.	54.45
Schwarz, Wm.	10.50	Collins, T. S.	4.00
Schnepp & Barnes	104.00	Collom, McLin S.	37.70
Silvins & Schoenbackler	2.00	Colman, Bert S.	26.40
Sleator, Robert G.	72.00	Conger, Norman B.	904.41
Star Printing House	93.75	Connor, P.	78.30
State Journal Co.	62.50	Considine, Thomas J.	6.55
State Publishing Co.	20.00	Conway, M. E.	5.04
Statesman Printing Co.	496.00	Cornthwaite, H. G.	67.50
State Spirit Publishing Co.	33.00	Correll, George E.	53.23
Stevens Publishing Co., E. W.	5.00	Cover, L. C.	8.69
Summers Printing Co.	141.70	Cox, Henry J.	320.65
Times Journal Publishing Co.	72.50	Cronk, J. W.	5.60
Todd, F. T.	3.75	Cunningham, N. M.	165.50
Tree, J. Will	6.30	Currier, W. S.	1.85
Total	5,410.01	Cushing, F. S.	39.25
<i>Travel and station and field expenses.</i>		Cuthbertson, D.	176.07
Abbe Cleveland	20.50	Dalingerfield, L. H.	2.45
Abbe, Cleveland, jr.	437.23	Day, Walcott L.	6.83
Alciatore, H. F.	170.15	Denson, Lee A.	21.35
Alexander, W. H.	67.70	Devereaux, W. C.	120.47
Armington, J. H.	18.84	Dewing, R.	368.25
Aschenberger, Albert	22.05	Dey, L. M.	1.20
Balster, John A.	7.10	Dick, H. B.	6.95
Barron, W. E.	13.15	Doherty, C. J.	76.91
Bartlett, James L.	21.90	Dome, Charles E.	5.10
Bassler, S. S.	8.54	Dorman, Louis	10.95
Bate, H. C.	25.06	Doshier, J. J.	68.12
Bauer, J. W.	30.82	Drinkwater, A.	1.46
Baxter, D.	17.50	Dudley, Wm. M.	20.18
Beals, E. A.	779.28	Emery, E. H.	247.60
Belden, W. S.	144.94	Emery, S. C.	22.75
Bell, Aaron H.	5.25	Emigh, E. D.	17.09
Bell, William	1.25	Evans, E. A.	20.25
Bennett, Walter J.	10.49	Fallon, W. H.	2.29
Bigelow, Frank H.	852.92	Fassig, O. C.	49.75
Bily, Jos., jr.	8.25	Faulk, M. C.	13.03
Blair, Wm. R.	365.64	Felger, G. W.	1.10
Blundon, B. A.	5.60	Firestone, T. D.	13.79
Blystone, M. E.	91.23	Fisher, L.	6.00
Blithe, W. T.	219.17	Flattery, C. W.	6.90
Bonnett, W. E.	9.90	Frankenfield, H. C.	840.95
Bormann, W. R.	15.28	Fuller, M. L.	11.55
Boucher, Chas. M.	5.50	Garriott, E. B.	197.78
Bowie, Edward H.	305.37	Gaskins, W. H.	26.75
Boyer, H. B.	6.10	Geran, H. O.	102.40
Brand, Al.	2.90	Gibson, Thomas	5.50
Brandenburg, F. H.	286.75	Glenn, S. W.	90.01
Briggs, R. L.	11.05	Gosewisch, F. Z.	5.60
Brockway, A. L.	464.72	Grant, R. Q.	14.27
Brooks, Eva M.	8.75	Grasse, H. W.	30.94
Brown, E. A.	86.35	Gray, J. J.	178.50
Buehanan, E. R.	27.00	Gregg, W. R.	151.87
		Grimes, G. E.	23.79
		Groene, E. F.	16.25
		Grover, John	91.40

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Grunow, D. C.	\$3.50	Nichols, E. S.	\$0.92
Guthrie, L. J.	54.10	Noyes, G. H.	4.52
Hackett, S.	5.15	Nunn, R.	18.34
Hadley, O. M.	8.00	O'Donnell, J. J.	23.25
Hames, E. H.	52.05	Olds, W. J.	12.10
Hallenbeck, C.	109.20	Palm, J. D.	160.40
Hammonds, O. H.	5.50	Palmer, W. S.	56.18
Hamrick, A. M.	64.68	Parker, O.	13.55
Hardinge, R. M.	51.34	Parrott, L. S.	20.75
Harris, R. E.	30.80	Paterson, G.	72.95
Hart, H. G.	34.30	Pennywitt, H.	32.50
Hartwell, F. E.	133.06	Peterman, E.	50.95
Hass-Hagen, G.	13.25	Peterson, S. P.	33.30
Hayden, J. C.	4.05	Pickels, A. C.	31.07
Hayes, M. W.	269.68	Piercy, J. C.	11.70
Hazen, J. S.	75.50	Pindell, L. M.	30.75
Hecathorn, C. E.	50.20	Pollock, R. E.	186.95
Heiskell, H. L.	425.60	Pugh, A. W.	47.25
Henry, A. J.	91.81	Purssell, U. G.	217.32
Hersey, H. B.	787.63	Randall, A. V.	15.71
Hess, P.	154.65	Rasmussen, M.	40.45
Hobbs, E. C.	64.53	Rasmussen, W.	14.91
Hobbs, H. E.	28.78	Rausch, G. E.	16.01
Howard, M. S.	59.60	Rawle, W. A. R.	1.80
Howe, H. C.	22.10	Reed, C. D.	16.10
Howe, V. V.	31.48	Reed, J. M.	77.75
Humphreys, W. J.	367.71	Reed, W. F., jr.	1.96
Hutchison, J. E.	117.65	Reeder, G.	59.39
Hyatt, R. J.	101.75	Richards, G. M.	106.67
Hyle, C. A.	57.37	Richardson, C. H.	10.15
Jennings, T. B.	23.28	Richardson, H. W.	36.50
Jermiin, Frank.	35.41	Roberts, O. W.	203.37
Jesunofsky, L. N.	52.36	Robinson, J. H.	55.45
Johnson, C. E.	3.50	Robinson, M. A.	21.80
Johnson, H. N.	9.80	Roosa, I. P.	18.38
Jones, E. P.	88.45	Ross, D. H.	3.00
Judkins, L. A.	41.44	Ross, L. C.	77.32
Kelliher, J. J.	12.35	Ryker, J. N.	94.33
Kenealy, James.	33.25	Salisbury, G. N.	263.20
Kimball, H. H.	34.93	Sanford, M. R.	88.02
Landis, D. S.	6.65	Scarr, J. H.	210.35
Laskowski, B. R.	24.80	Schneider, C. F.	167.31
Lathrop, W. T.	18.30	Schoppe, W. J. A.	69.75
Lawton, G. E.	14.85	Scott, J. E.	28.18
Legler, Hugo.	19.35	Seeley, D. A.	57.50
Lehman, W. F.	18.25	Sherier, J. M.	101.10
Lindley, R. T.	8.54	Sherry, B. J.	92.75
Ling, C. W.	2.40	Simons, W. U.	3.30
Lodholz, L.	48.05	Slaughter, J. P.	322.69
Loveland, G. A.	43.22	Smith, H. E.	15.60
Lowe, J. H.	4.10	Smith, J. H.	5.00
Lyman, H.	10.50	Smith, J. W.	161.20
McAdie, A. G.	473.13	Smith, J. Warren.	148.03
McCallum, D. P.	8.65	Smith, R. W.	13.85
McDowall, G. W.	22.00	Smith, T. G.	7.45
McGann, E. W.	5.75	Snyder, J. B.	81.55
McKenzie, H. W.	5.88	Spencer, E. E.	58.40
McLean, J. J.	15.80	Spencer, J. H.	39.65
Marbury, J. B.	90.45	Spindler, H. H.	42.15
Marcen, E. F.	33.54	Stewart, C.	6.05
Maring, D. T.	119.30	Stewart, O. D.	21.35
Marks, H. A.	107.20	Stewart, W. P.	222.31
Marvin, C. F.	136.75	Stockman, W. B.	440.83
Math, F. A.	5.33	Strong, C. M.	21.80
Meacham, A. A.	39.80	Stubbs, M. B.	17.04
Miller, E. R.	26.53	Sullivan, R. H.	16.65
Mitchell, A. J.	98.55	Summey, A. T.	2.30
Mitchell, W. A.	5.80	Sutton, L. G.	793.29
Montgomery, F.	93.90	Talman, C. F.	187.40
Moore, Willis L.	258.38	Tarr, L. M.	29.20
Mosby, S. L.	10.80	Taylor, W. M.	63.45
Moxon, W. J.	28.30	Taylor, N. R.	84.05
Neifert, W. W.	32.80	Thiessen, A. H.	107.85
Newsom, J. F.	29.48	Thomas, W. W.	36.95
Nichols, A. B.	26.45	Thompson, C. D. C.	18.94

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Thompson, E. C.....	\$35.41	Widmeyer, J. I.....	\$2.75
Thomson, A. R.....	52.55	Wiesner, A.....	19.46
Thorson, A. R.....	55.62	Williams, H. E.....	78.55
Todd, G. T.....	8.94	Williams, J. R.....	16.50
Townsend, T. T.....	28.35	Wills, H. M.....	26.65
Tracy, A. R.....	27.17	Willson, G. H.....	19.30
Von Herrmann, C. F.....	36.33	Wilson, G. N.....	7.85
Voorhees, J. F.....	51.47	Wilson, W. M.....	55.18
Vose, E. C.....	5.00	Wollaber, A. B.....	344.62
Waldron, B. L.....	11.80	Wood, C. S.....	74.42
Walker, R.....	53.75	Wright, M.....	9.05
Walz, F. J.....	23.06	Wurtz, G. B.....	6.20
Warner, R. C.....	34.85	Yeager, E. E.....	17.60
Weeks, J. R.....	27.55	Young, F. A.....	3.50
Wells, E. L.....	284.45	Young, R. F.....	230.95
West, R. C.....	31.85		
Whittier, B. B.....	64.65	Total.....	24,680.82
Total amount of appropriation.....			\$645,000.00
Total expenditures under above groups.....			538,192.87
Unexpended balance.....			106,807.13

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000."*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor	Nature of contract.	Approximate amount
Corvallis and Eastern R. R. Co.....	Telegraph.....	\$2.20
Great Northern Telegraph Co. (Limited), The.....	do.....	289.50
Great North Western Telegraph Co. of Canada, The.....	do.....	1,244.30
Harper, J. T.....	do.....	45.04
International Ocean Telegraph Co.....	do.....	1,919.39
Marconi Wireless Telegraph Co. of America.....	do.....	221.84
Marthas Vineyard Telegraph Co.....	do.....	190.97
Minneapolis, St. Paul and Sault Ste. Marie Ry. Co.....	do.....	197.12
Pacific Telephone and Telegraph Co.....	do.....	13.95
Postal Telegraph-Cable Co.....	do.....	12,606.56
Put-in-Bay Telegraph Co.....	do.....	20.60
Western Union Telegraph Co.....	do.....	165,607.05
Alabama, Mississippi and Tennessee Telephone Co.....	Telephone.....	49.25
Bell Telephone Co. of Buffalo.....	do.....	199.00
Central District and Printing Telegraph Co.....	do.....	633.52
Citizens' Telephone Co.....	do.....	104.63
Cumberland Telephone and Telegraph Co.....	do.....	2,470.66
Dakota Central Telephone Co. (Incorporated).....	do.....	842.98
East Tennessee Telephone Co.....	do.....	575.20
Home Telephone Co.....	do.....	86.40
Iowa Telephone Co.....	do.....	228.65
Mayport Telephone Line.....	do.....	54.50
Michigan State Telephone Co.....	do.....	547.35
New England Telephone and Telegraph Co.....	do.....	378.34
Niles, C. M.....	do.....	15.10
Northwestern Telephone Exchange Co.....	do.....	274.40
Ohio River Telephone Co.....	do.....	66.30

## WEATHER BUREAU—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Weather Bureau, 1908, \$645,000"—Continued.*

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Pacific Telephone and Telegraph Co.....	Telephone.....	\$1,739.95
Peebles, W. B.....	do.....	15.86
Rocky Mountain Bell Telephone Co.....	do.....	446.05
Tucker Telephone and Telegraph Co.....	do.....	63.00
Tyrell County Telephone Co.....	do.....	30.50
Washington County Telephone Co.....	do.....	30.50
Direct West India Cable Co. (Limited).....	Cable.....	752.28
Kelley Island and Sandusky Cable Co.....	do.....	32.10
Total.....		191,992.26
Macnichol & Son.....	Repairing buildings at Mount Weather, Va.....	1,356.00
Chesapeake Iron Works.....	Instrument shelters.....	4,385.00
Devine, Jas.....	Repairing building at Oklahoma, Okla.....	235.00
Total.....		5,946.00

## RECAPITULATION.

Statutory salaries.....	\$193,222.16
Lump-fund salaries:	
In Washington.....	22,351.04
Lump-fund salaries outside of Washington.....	586,624.77
Stationery.....	33,014.08
Miscellaneous supplies and services, equipment, books, machinery, etc.....	116,844.61
Furniture.....	10,522.13
Fuel.....	9,509.46
Freight.....	2,816.85
Express.....	1,169.55
Telegraph.....	184,340.70
Telephone.....	17,597.15
Rent.....	66,195.95
Gas and electricity.....	4,946.44
Apparatus, instruments, and laboratory material.....	22,322.07
Printing and binding.....	5,410.01
Travel and station and field expenses.....	24,680.82
Total for entire Weather Bureau.....	1,304,617.79
Total amount of appropriation.....	1,413,541.00
Total expenditures under above groups.....	1,304,617.79
Unexpended balance September 30, 1908.....	108,923.21
Outstanding liabilities (estimated).....	57,236.28
Balance to be turned back to the Treasury (estimated).....	51,686.93

## PROJECTS.

The principal projects conducted by the Weather Bureau during the fiscal year ended June 30, 1903, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

The general work of the Weather Bureau outside of Washington was carried on under the authority contained in two appropriations, viz, "Salaries, Weather Bureau," from which all commissioned and temporary employees were paid, and "General expenses, Weather Bureau," from which all other expenses were paid. The commissioned employees were located at 206 stations, the majority of which served as centers for the prosecution of forecast, climatological, crop, river and flood work, etc., in the surrounding sections. The official in charge, and the employees under him, were engaged in the performance of the various lines of work that were carried on at each station. This work has been divided into projects, which are hereafter described. As an illustration: The official in charge of the station at New Orleans is in charge of the climatological work of the State of Louisiana, the forecasting of stages for the rivers within the State, the taking and recording of observations, the issuing of daily weather and temperature forecasts, the making of frost and cold-wave forecasts for several States, the dissemination of storm and hurricane warnings, the collection and dissemination of special meteorological crop observations,

ocean meteorological observations, the printing and issuing of weather maps, bulletins, forecast cards, etc. All of this work is done by the official in charge and his corps of assistants, much of it being done simultaneously, the total time devoted to any one project varying from day to day according to existing weather conditions. The whole work is done in the same office, using the same furniture, stationery, and having a common expense for fuel, gas, electricity, etc. The work is so coordinated as to accomplish the greatest amount with the least expense, but the impracticability of determining an accurate cost of rent, gas, electricity, fuel, stationery, furniture, and other miscellaneous expenses, and the exact salary cost for each line of work is evident. The condition at New Orleans is typical of other stations. Therefore the cost indicated for each project has been approximated, but it is reasonably correct.

### NO. 1. ADMINISTRATION.

Willis L. Moore, Chief of Bureau, in Washington.

#### *Cost.*

Salaries in Washington.....	\$109,262.33
Traveling and field expenses.....	534.53
Fuel, lights, repairs, supplies, etc.....	19,692.99
Total.....	129,489.85

### NO. 2. THE MONTHLY WEATHER REVIEW.

Cleveland Abbe, professor of meteorology (Washington), editor.

A summary of the weather of the month and the year, showing average temperature and other climatological data for about 3,600 land stations in the United States. The aim is to present the meteorological conditions for each month so that the weather of any part of the United States can be easily compared with that of any other, or with any portion of the world.

#### *Cost.*

Salaries.....	\$13,700.00
Traveling and field expenses.....	20.50
Paper, etc.....	3,005.20
Total.....	16,725.70

### NO. 3. FORECAST WORK.

Edward B. Garriott, professor of meteorology (Washington), in charge.

(a) *Weather and temperature forecasts.*—Made twice daily for all States; based upon observations of meteorological conditions made at about 230 stations in the United States, the West Indies, Hawaiian Islands, Alaska, the Azores, Iceland, Canada, and a few points in Europe and Asia.

(b) *Storm warnings.*—Warnings of storms likely to imperil shipping; distributed by telegraph, telephone, and other expeditious means to all ports on the Atlantic, Pacific, and Gulf seacoasts, and Great Lakes that are within the threatened zone.

(c) *Cold waves.*—Advices of coming of cold waves given in threatened districts twelve to thirty-six hours in advance by means of telegraph, telephone, mail, flag signals, etc.

(d) *Frost warnings.*—Issued during crop-growing seasons in the interest of fruit, truck, tobacco, and other growers.

(e) *Hurricane warnings.*—Special advices to threatened districts on Atlantic and Gulf coasts of approach of West Indian hurricanes.

(f) *Heavy snow warnings.*—For the benefit of transportation lines both in and out of cities.

(g) The daily distribution of forecasts and meteorological information by maps, bulletins, forecast cards, etc.

#### *Cost.*

Salaries.....	\$355,029.97
Traveling and field expenses.....	10,755.76
Miscellaneous supplies and expenses.....	272,339.50
Total.....	638,125.23

## No. 4. RIVER AND FLOOD SERVICE.

Harry A. Frankenfield, professor of meteorology (Washington), in charge.

For the staging of rivers and the issuing of daily forecasts of water stages and of flood warnings in the interest of commerce and navigation and for the saving of life and property.

*Cost.*

Salaries.....	\$61,653.61
Traveling and field expenses.....	2,370.57
Miscellaneous supplies and expenses.....	36,324.95
Total.....	100,349.13

## No. 5. CRANBERRY MARSH INVESTIGATIONS.

Henry J. Cox, professor of meteorology (Chicago), in charge.

Conducted in the marshes of Wisconsin for the purpose of improving frost warnings for benefit of this industry, which is peculiarly subject to damage by frost.

*Cost.*

Salaries.....	\$460.00
Traveling and field expenses.....	150.00
Miscellaneous supplies and expenses.....	250.00
Total.....	860.00

## No. 6. CLIMATOLOGICAL AND CROP WORK.

James Berry, chief of division (Washington), in charge.

(a) *Climatological work*.—Establishing the climatology of the United States by means of meteorological observations taken at regular stations and by about 3,600 cooperative observers located in each county of the United States. The data for each State is collected monthly at a regular station designated as the State center, and published in quarto size.

(b) *Meteorological crop reports*.—Special observations of weather, precipitation, and temperature taken at about 290 places in the great cereal and cotton belts and telegraphed daily to district centers, where they are issued in bulletin form for the benefit of the corn, cotton, sugar, rice, and wheat interests. Weekly bulletins, giving the summary of weather conditions for the preceding week that have had marked bearing on crops, are printed and issued from each State center.

*Cost.*

Salaries.....	\$108,452.26
Traveling and field expenses.....	3,653.61
Miscellaneous supplies and expenses.....	67,513.24
Total.....	179,619.11

## No. 7. OCEAN METEOROLOGY.

Henry L. Heiskell, chief of division (Washington), in charge.

(a) *Ocean meteorology work*.—The collection of meteorological and physical information pertaining to the oceans for vessels of war, of commerce, etc., plotting the data on daily synoptic charts, etc., and the preparation of data for use in the monthly pilot charts of the Atlantic and Pacific oceans issued by the Hydrographic Office.

(b) *Vessel's reporting*.—The arrival and departure of passing vessels for the benefit of commerce and navigation at certain stations located on the Atlantic, Gulf, and Pacific coasts.

*Cost.*

Salaries.....	\$16,788.76
Traveling and field expenses.....	250.00
Miscellaneous supplies and expenses.....	800.00
Total.....	17,838.76

## No. 8. RESEARCH OBSERVATORY.

Alfred J. Henry, professor of meteorology (Mount Weather, Va.), in charge.

For conducting meteorological observations for the improvement of weather forecasts, warnings, etc.

(a) Meteorological observation station work.

(b) Studies of the atmosphere at the surface of the earth, and at various altitudes; determinations of its temperature, moisture content, pressure, state of electrification, direction and magnitude of its movements, its cloudiness, dust content, absorption of light, of heat, and of electric waves, and its various other properties.

(c) Solar investigations, involving a careful measurement of the insolation, or amount of solar energy reaching the earth in a unit of time, the size and distribution of sun spots, facule, and prominences; and an especial effort to detect all changes in the registered amounts of the solar energy, and a careful effort to refer these changes to their real causes, whether of terrestrial or of solar origin.

(d) Terrestrial magnetism—a study of the regular and of the irregular changes in the magnitude and direction of the earth's magnetic force, in connection with other terrestrial phenomena and with solar activities of all kinds.

(e) Laboratory investigations—the reproduction under controllable conditions of various meteorological phenomena, and experiments that may aid in explaining the origin and laws of weather conditions; also the construction and standardizing of certain apparatus.

*Cost.*

Salaries.....	\$16,180.00
Traveling and field expenses.....	783.35
Miscellaneous supplies apparatus, etc.....	13,000.00
Total.....	29,963.35

## No. 9. INSTRUMENTS.

Charles F. Marvin, professor of meteorology (Washington), in charge.

Testing, comparing, devising, and making the delicate and dependable instruments that are required in practical and scientific meteorological work.

*Cost.*

Salaries.....	\$24,528.64
Traveling and field expenses.....	431.01
Miscellaneous supplies and expenses.....	25,135.56
Total.....	50,095.21

## No. 10. INSPECTION OF STATIONS.

Norman B. Conger, inspector, Detroit, Mich.; Henry B. Hersey, inspector, Milwaukee, Wis.

Two officials who are charged with the inspection of the personnel, records, and service at the 206 regular stations of the Bureau.

*Cost.*

Salaries.....	\$1,366.67
Traveling and field expenses.....	1,272.12
Total.....	2,638.79

## No. 11. TELEGRAPH SERVICE.

Jesse H. Robinson, chief of division (Washington), in charge.

The collection and dissemination of observations, reports, forecasts, warnings, etc., including the maintenance and repair of telegraph and cable lines. The Weather Bureau operates several government telegraph and cable lines, which are maintained for the securing of meteorological observations and in the interest of navigation, including the reporting of wrecks and marine casualties.

*Cost.*

Salaries.....	\$19, 946. 79
Traveling and field expenses.....	2, 155. 63
Miscellaneous supplies and expenses.....	200. 00
Total.....	22, 302. 42

## No. 12. RECORDS.

rank H. Bigelow, professor of meteorology (Washington), in charge.

Taking observations, correcting and compiling the meteorological records made by the Bureau at all regular stations.

*Cost.*

Salaries.....	\$75, 794. 57
Traveling and field expenses.....	2, 324. 05
Miscellaneous supplies and expenses.....	28, 055. 43
Total.....	106, 174. 05

## No. 13. BUILDINGS.

Edgar B. Calvert, assistant chief, division of accounts (Washington), in charge.

The construction and repair of observatory buildings outside of the District of Columbia.

*Cost.*

Salaries.....	\$1, 800. 00
Traveling and field expenses.....	519. 09
Miscellaneous supplies and expenses.....	8, 116. 50
Total.....	10, 436. 19

## BUREAU OF ANIMAL INDUSTRY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Bureau of Animal Industry, 1908, \$85,280."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Melvin, A. D.....	Chief of Bureau, at \$5,000.....	\$5,000. 00	\$518. 58
Jones, E. B.....	Chief clerk, at \$2,000.....	2,000. 00	
Abel, Joseph.....	Clerk, class 4.....	1,800. 00	
Carroll, Charles C.....	do.....	1,800. 00	48. 55
Chase, James L.....	do.....	1,800. 00	
Pickens, J. M.....	Editor, at \$2,000.....	2,000. 00	150. 32
Cross, C. H.....	Clerk, class 3.....	800. 00	
Reynolds, McPherson.....	do.....	746. 66	
La Pelle, Zebedee.....	do.....	1,600. 00	
Newmyer, E. J.....	do.....	1,600. 00	
Rice, J. A.....	do.....	1,600. 00	
Roberts, John.....	do.....	1,600. 00	
Bennett, E. A.....	Clerk, class 2.....	1,400. 00	
Cohran, John R.....	do.....	1,400. 00	
Cross, C. H.....	do.....	700. 00	
Haughton, N. F.....	do.....	700. 00	
Edsall, H. M.....	do.....	1,400. 00	
Hornbaker, J. N.....	do.....	1,400. 00	
Housman, Anna M.....	do.....	1,400. 00	
Johnston, E. C.....	do.....	1,400. 00	
Magee, R. W.....	do.....	233. 33	
Sartz, R. S. N.....	do.....	1,166. 67	
Moran, Harry E.....	do.....	1,400. 00	
More, F. C.....	do.....	1,400. 00	
Myers, Carrie.....	do.....	1,400. 00	
Price, Harry N.....	do.....	1,238. 60	
Rogers, Beatrice O.....	do.....	1,108. 33	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Bureau of Animal Industry, 1908, \$85,280"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Allen, Burr.	Clerk, class 1.	\$1,200.00	
Arlitt, John L.	do.	616.67	
Sartz, R. S. N.	do.	200.00	
Cartan, M. S.	do.	336.67	
Haughton, N. F.	do.	600.00	
Dent, Mary T.	do.	1,138.34	
Fagan, Mary E.	do.	1,200.00	
Gibbs, B. H.	do.	1,200.00	
Gibbs, Henry C.	do.	1,200.00	
Graves, J. M.	do.	1,200.00	
Hickey, Edward J.	do.	700.00	
Mahon, M. H.	do.	1,200.00	
Meyst, F. W.	do.	1,200.00	
Russell, Geo. H.	do.	213.33	
Stein, S. B.	do.	696.67	
Swank, W. R.	do.	1,200.00	
Arlitt, John L.	Clerk, at \$1,000.	416.66	
Bell, Mary E.	do.	491.67	
Porter, Harry W.	do.	91.67	
Brown, Grace S.	do.	477.77	
Polton, Emma R.	do.	522.22	
Henderson, Alice.	do.	583.34	
Hickey, Edward J.	do.	416.66	
Simonton, L. J.	do.	583.34	
Pirtle, T. R.	do.	583.34	
Summer, Louis C.	do.	1,000.00	
Tyson, Fanny.	do.	1,000.00	
Walters, Mildred E.	do.	1,000.00	
Henderson, Alice.	Clerk, at \$900.	147.50	
Ormsby, Andrew A.	do.	522.50	
Rapp, Emma V.	do.	900.00	
Jones, Willie W.	Clerk, at \$840.	840.00	
Simonton, L. J.	do.	350.00	
Wood, Elizabeth J.	do.	350.00	
Johnson, Victorine E.	Clerk, at \$720.	716.00	
Patton, H. Maria.	do.	654.00	
Phillips, Ella M.	do.	540.00	
Brez, Colman.	Mechanic, at \$1,200.	900.00	
Brough, William.	do.	166.67	
Stedman, Royal G.	Messenger and custodian, at \$1,000.	1,000.00	
Thompson, R. E. L.	Carrienter, at \$1,100.	1,100.00	\$13.05
Stedman, Wm. P.	Messenger, at \$840.	840.00	
Mull, R. P.	Messenger, at \$720.	720.00	
Nicholas, John.	do.	720.00	
Perry, Owen R.	do.	720.00	
Shimoneck, Wm. C.	do.	720.00	
Goetz, Lena B.	Skilled laborer, at \$840.	840.00	
Cassell, A. C.	Skilled laborer, at \$720.	720.00	
Perry, J. M.	do.	720.00	
Berlin, S. S.	Skilled laborer, at \$600.	600.00	
Phillips, Annie E.	do.	600.00	
Scheerer, Geo. W.	Skilled laborer, at \$660.	660.00	
Moffitt, Archie W.	Fireman, at \$720.	660.00	
Haines, W. S. D.	Illustrator, at \$1,400.	1,400.00	

Total amount of appropriation.....\$85,280.00

Total amount paid for salaries.....79,468.61

Unexpended balance.....5,811.39

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Farrington, A. M.	Assistant Chief of Bureau, at \$3,000.	\$750.00	\$432.46
Mohler, John R.	Chief, pathological division, at \$3,500	875.00	529.62
Washburn, H. J.	Assistant chief, pathological division, at \$2,250.	562.50	59.80
Buckley, John S.	Assistant pathologist, at \$2,000	500.00	.....
Morse, Geo. B.	do	500.00	90.31
Bolton, B. M.	Assistant bacteriologist, at \$2,000	733.34	.....
Hart, George H.	Assistant pathologist, at \$1,600	400.00	37.83
Formad, Robert J.	Expert laboratory assistant, at \$1,600, and scientific assistant, at \$1,600.	1,600.00	58.30
Dorset, Marion	Chief, bio-chemic division, at \$3,500	875.00	610.27
Emery, Jas. A.	Assistant chief, biochemic division, at \$2,250	562.50	.....
Rogers, L. A.	Bacteriological chemist, at \$1,600	1,600.00	335.74
West, Albert M.	Assistant in biochemic division, at \$1,400	350.00	.....
Steddum, R. P.	Chief, inspection division, at \$3,000	750.00	290.54
Ramsay, R. A.	Associate chief, inspection division, at \$2,500	2,500.00	1,197.95
Hickman, R. W.	Chief, quarantine division, at \$2,750	2,750.00	201.03
Webster, Ed. H.	Chief, dairy division, at \$2,500 and \$2,750	2,614.59	1,461.79
Lane, C. B.	Assistant chief, dairy division, at \$1,800	1,800.00	993.50
White, B. D.	Assistant dairyman, at \$2,000	2,000.00	1,281.20
Gray, C. E.	do	1,000.00	539.61
Rawl, B. H.	Assistant dairyman, at \$1,800	1,800.00	1,800.65
Maynard, Lee H. P.	Assistant dairyman, at \$1,600	528.89	195.62
Santee, E. M.	do	533.33	507.22
Whitaker, Geo. M.	Dairy inspector, at \$1,600 and \$1,700	1,637.78	1,252.00
Dexter, Wm. Hart	Assistant dairyman, at \$1,400	1,400.00	351.40
Stuart, Duncan	do	1,400.00	.....
Thompson, Sidney C.	do	350.00	.....
Potteiger, C. R.	Assistant dairyman, at \$1,200	700.00	148.81
Ayers, S. Henry	Expert in dairying, at \$1,600	311.11	90.85
Rabild, Helmer	do	266.67	178.08
Berg, Wm. N.	Expert in dairying, at \$1,400	408.33	79.65
Nicholson, Jno. F.	Assistant dairy bacteriologist, at \$1,400	62.22	.....
Ransom, B. H.	Chief, zoological division, at \$2,500	2,500.00	962.40
Hassall, Albert	Assistant zoologist, at \$1,800	1,800.00	27.35
Crawley, Howard	Expert in protozoology, at \$1,200	90.00	.....
Schroder, E. C.	Superintendent of experiment station, at \$3,000	3,000.00	190.42
Cotton, W. E.	Expert assistant, at \$1,800	1,800.00	158.60
Rommel, George M.	Animal husbandman, at \$2,500	2,500.00	808.59
Bell, G. A.	Assistant in animal husbandry, at \$1,800	1,800.00	612.26
Ritzman, E. G.	Assistant in animal husbandry, at \$1,200	1,080.00	.....
Samson, George R.	do	1,200.00	.....
Holland, C. C.	Field assistant, at \$1,400	606.67	519.95
Slocum, Rob R.	Poultry assistant, at \$1,400	1,400.00	231.26
Cave, Roy A.	Herdbook assistant, at \$1,200	1,200.00	795.66
Crawford, A. C.	Physiologist, at \$2,000	200.00	.....
Brown, E. W.	Assistant physiologist, at \$1,400	186.66	.....
Eichhorn, Adolph	Veterinary inspector, at \$1,800	450.00	46.12
Walker, C. C.	Veterinary inspector, at \$1,400	1,003.33	183.75
McBryde, C. N.	Scientific assistant, at \$2,000	500.00	299.30
Price, T. M.	do	333.33	36.24
Shore, H. J.	Scientific assistant, at \$1,400	1,400.00	397.46
Hastings, Milo M.	Scientific assistant, at \$1,200	600.00	650.14
Riley, E. H.	do	1,200.00	76.35
Tilley, Frank W.	do	300.00	4.51
Hall, Maurice C.	Scientific assistant, at \$1,000 and \$1,200	1,100.00	.....
Raub, Ruth D.	Scientific assistant, at \$1,000	965.28	.....
Thorwarth, Estella S.	do	86.12	.....
Shawhan, S. H.	Scientific assistant, at \$840	609.00	16.40
Brett, G. W.	Assistant, at \$1,200	1,200.00	.....
Pfender, C. A.	Medical clerk, at \$1,400	1,400.00	.....
Brereton, Louise	Assistant microscopist, at \$720	720.00	.....
Burnett, Roy E.	Laboratory assistant, at \$900	145.00	.....
Snellings, Chas. B.	do	90.00	.....
Stamper, W. S.	Laboratory clerk, at \$1,200	300.00	.....
Smith, R. H., jr.	Laboratory aid, at \$840	210.00	.....
McAuley, H. S.	Laboratory helper, at \$840	840.00	.....
Johnson, Wm. T., jr.	Laboratory helper, at \$600	50.00	40.39
Meyer, Will B.	do	450.00	.....
Duval, Louise	Library assistant, at \$900	47.50	.....
Parks, G. H.	Architect, at \$1,800	450.00	322.40

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Parks, Karl E.	Architect, at \$1,400.	\$1,400.00	
Williams, R. W., jr.	Clerk, at \$1,800.	450.00	\$240.72
Corey, Chas. R.	Clerk, at \$1,400.	816.67	
Fravel, Frank R.	do.	1,283.34	73.45
Lee, W. C.	Clerk, at \$1,200.	250.00	
Gardner, Edith F.	Clerk, at \$1,000.	1,000.00	
Pirtle, T. R.	do.	416.66	
Sherman, Caroline B.	Clerk, at \$900.	900.00	
Manderfield, Bina.	Clerk, at \$840.	350.00	
Murphy, Carrie L.	Clerk, at \$720.	78.00	
Phillips, Ella M.	Clerk, at \$600.	150.00	
Cartan, Margaret S.	Clerk, stenographer, and typewriter, at \$1,200.	150.00	
Bell, Mary E.	Clerk, stenographer, and typewriter, at \$1,000.	416.66	
Sehorn, Victor H.	do.	250.00	
Stein, S. B.	do.	416.66	
Wood, Elizabeth J.	Clerk, stenographer, and typewriter, at \$840.	462.00	
Paulson, Fannie E.	Clerk, stenographer, and typewriter, at \$720.	224.00	
Curtis, Maury.	Clerk and typewriter, at \$900.	600.00	
Linton, Hunter B.	do.	240.00	
Ormsby, Andrew A.	do.	187.50	
Fogarty, John P.	Clerk and typewriter, at \$840.	840.00	
England, Matilda O.	Typewriter, at \$720.	270.00	
Cookman, C. L.	Carpenter, at \$4 per diem.	810.00	
Darnall, Frank J.	do.	216.00	
Davies, John D.	do.	120.00	
Glass, Harry D.	do.	284.00	
Golladay, L. C.	do.	1,218.00	
Hall, Thomas S.	do.	216.00	
Herbert, Geo. F.	do.	820.00	
Langham, Joseph.	do.	120.00	
Norbeck, Joseph W. H.	do.	262.00	
Spalding, A. C.	do.	846.00	
Waring, Harry L.	Carpenter, at \$4 per diem and \$900.	766.00	
Wedding, Harry I. K.	Carpenter, at \$4 per diem.	292.00	
Freedman, Chas.	Carpenter, at \$3.50 per diem and \$900.	957.50	
Henderson, Edwin C.	Carpenter, at \$900.	447.50	
Wilson, Chas. C.	do.	225.00	
Kesler, Wm. T.	Cabinetmaker, at \$1,000.	1,000.00	
Neilson, Charles W. C.	Cabinetmaker, at \$3.50 per diem and \$900.	354.50	
Craven, Jos. T.	Plumber, at \$4 per diem.	220.00	
Fowler, Ernest H.	do.	292.00	
Johnson, William J.	do.	292.00	
Sands, John K.	do.	602.00	
Woodward, Chas. R.	do.	220.00	
Hart, Joseph.	Plumber's helper, at \$2 per diem.	78.00	
Smith, John M.	do.	80.00	
Fineran, Jos. K.	Plumber's helper, at \$1.50 and \$2 per diem.	131.50	
Knott, Arthur.	Plumber's helper, at \$1.50 per diem.	9.00	
Stone, James.	Plumber's helper, at \$1.50 and \$2 per diem.	108.00	
Gutridge, Wm. M.	Painter, at \$3.50 per diem.	59.50	
Lucas, John H.	do.	255.50	
Davis, F. C.	Painter, at \$900.	525.00	
Fowler, Arthur W.	Electric helper, at \$3 per diem.	78.00	
Carberry, Thos. F.	Electric wireman, at \$75 per month.	75.00	
Webb, John E.	Electric helper, at \$50 per month.	50.00	
Moxley, J. A.	Skilled laborer, at \$840.	840.00	
Poore, W. R.	do.	840.00	
Seek, R. E.	do.	840.00	
Trice, T.	do.	840.00	
McCallion, Chas.	Skilled laborer, at \$720.	720.00	
Andrews, Albert A.	Skilled laborer, at \$600.	100.00	
Stadtler, G. M.	Laborer, at \$60 per month.	720.00	
Mathews, F.	Laborer, at \$660.	660.00	
Alexander, Wm.	Laborer, at \$50 per month.	100.00	
Caywood, E. V.	do.	600.00	
Darr, Henry.	Laborer, at \$600.	600.00	
Gingell, C. E.	Laborer, at \$50 per month.	441.67	
Henderson, H.	Laborer, at \$600.	600.00	
Coleman, G. F.	Laborer, at \$45 per month.	540.00	
Lancaster, F.	Laborer, at \$540.	540.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Samuel, J.	Laborer, at \$45 per month.	\$540.00	
Holmes, A.	Laborer, at \$40 per month.	480.00	
Leftwich, J.	do.	480.00	
Clipper, Cleave.	Laborer, at \$420.	420.00	
Clipper, Will.	do.	420.00	
Drummonds, W. H.	Laborer, at \$35 per month.	420.00	
White, G.	Laborer, at \$420.	420.00	
Joyce, John V.	Unskilled laborer, at \$720.	180.00	
Delaney, John.	Unskilled laborer, at \$50 per month.	600.00	
Epps, Richard.	do.	600.00	
Sullivan, Maggie E.	Unclassified laborer, at \$600.	600.00	
Blount, S. L.	Unskilled laborer, at \$1.50 per diem.	25.50	
Countee, Alphonzo.	do.	24.00	
Cutler, Isaiah.	do.	108.00	
Dyson, Robert.	do.	25.50	
Gscheidle, Wm. L.	Unskilled laborer, at \$1.50 per diem, and plumber's assistant, at \$2.50 per diem.	204.25	
James, William.	Unskilled laborer, at \$1.50 per diem.	109.50	
Smith, Enos B.	do.	111.00	
Willis, Chas. P.	Unskilled laborer, at \$540.	540.00	
Atkins, Emma J.	Unskilled laborer, at \$480.	113.33	
Conrad, Amos W.	Unskilled laborer, at \$40 per month.	38.67	
Fox, C. W.	Unskilled laborer, at \$480.	480.00	
Gill, C. T.	Unskilled laborer, at \$40 per month.	80.00	
Harris, Alice V.	Unskilled laborer, at \$480.	124.00	
Harris, Peter.	do.	480.00	
Hughes, M. L.	Unskilled laborer, at \$40 per month.	480.00	
Lane, Clarence.	Unskilled laborer, at \$480.	480.00	
Loyd, John.	do.	434.67	
Madella, S. W.	do.	352.00	
Mason, Henry.	do.	16.00	
Mason, Sam.	do.	480.00	
Schneider, Frank C.	do.	205.33	
Voight, Henry W.	do.	78.67	
Wilson, Corielius.	do.	472.00	
Brooks, William.	Unskilled laborer, at \$360 and \$420.	402.50	
Crist, Frank.	Unskilled laborer, at \$360 and \$480.	445.00	
Gingell, W. E.	Unskilled laborer, at \$360.	83.00	
Keene, Geo. W.	Unskilled laborer, at \$360 and \$480.	446.67	
Mason, Raphael.	Unskilled laborer, at \$30 per month.	30.00	
Parker, G. F.	Unskilled laborer, at \$360.	262.00	
Pugh, Andrew D.	Unskilled laborer, at \$360 and \$480.	445.00	
Sherwood, W. S.	Engineer, at \$2 per diem.	122.00	
Tillett, E. L.	do.	122.00	
Castleman, S. D.	Fireman, at \$840.	840.00	
Myers, H. B.	Watchman, at \$60 per month.	720.00	
Pugh, W. T.	do.	720.00	
Taplin, A. J. S.	Watchman, at \$720.	56.00	
Reamy, Thomas B.	Messenger, at \$840.	840.00	
Voight, F.	do.	840.00	
Bechtold, John M.	Messenger, at \$720.	390.00	
Dushane, Geo. W.	Messenger boy, at \$360.	65.00	
Griffith, Gardner L.	Messenger boy, at \$360.	358.00	
De Atley, Alice V.	Charwoman, at \$480.	480.00	
Franklin, Julia R.	do.	452.01	
Jones, Jennie.	do.	480.00	
Ridley, Cora M.	do.	480.00	
Jordan, Willie E.	Charwoman, at \$240.	10.67	
Reid, Helen G.	do.	10.00	
Winfield, Fannie E.	Charwoman, at \$240 and \$480.	300.00	
Total.		119,419.58	
<i>Out of Washington.</i>			
Russell, F. L.	Veterinary inspector, at \$8 per diem.	1,008.00	\$546.48
Potter, H. T.	Veterinary inspector, at \$3, \$5, and \$8 per diem.	838.00	243.15
Clarke, Lowell.	Veterinary inspector, at \$2,250.	2,250.00	923.70
Curtice, Cooper.	do.	943.75	1,179.33
Davison, Elwin T.	Veterinary inspector, at \$2,000.	2,000.00	807.60

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Imes, Marion	Veterinary inspector, at \$2,000	\$2,000.00	\$832.76
Thompson, Wm.	do	1,500.00	789.71
Treacy, R. H.	do	2,000.00	3,150.48
Adair, Harry B.	Veterinary inspector, at \$1,800	1,800.00	
Babcock, Henry	Veterinary inspector, at \$1,800; horse hire, \$112	1,712.00	
Barth, W. C.	Veterinary inspector, at \$1,800	1,800.00	807.09
Batchelder, Howard M.	do	1,800.00	432.86
Blackwell, A. M.	do	1,235.00	187.70
Blanche, Richard J.	Veterinary inspector, at \$1,800; horse hire, \$450	2,250.00	287.67
Bray, Thomas A.	Veterinary inspector, at \$1,800; horse hire, \$300	2,100.00	671.64
Brewer, Frank W.	Veterinary inspector, at \$1,800; horse hire, \$510	2,010.00	558.33
Burgett, John L.	Veterinary inspector, at \$1,800	1,800.00	267.51
Canfield, Chas. H.	do	1,800.00	112.85
Cary, Emerson J.	do	1,800.00	1,007.55
Clawson, Clarence A.	Veterinary inspector, at \$1,800; horse hire, \$402.50	2,202.50	493.85
Cohenour, H. H.	Veterinary inspector, at \$1,800	1,475.00	802.85
Coleman, Arthur T.	do	1,015.00	630.55
Corlis, W. S.	Veterinary inspector, at \$5 per diem	270.00	121.03
Cosford, S. E.	Veterinary inspector, at \$1,800	1,800.00	591.72
Cowie, Charles	do	1,800.00	139.75
Cumming, D.	Veterinary inspector, at \$5 per diem	865.00	
Drake, Roy N.	Veterinary inspector, at \$1,800	1,800.00	674.75
Evans, Fred	do	1,590.00	159.34
Fish, J. G.	do	1,800.00	799.39
Fleming, Wm. R.	do	1,800.00	527.62
Fry, William A.	Veterinary inspector, at \$1,800; horse hire, \$245	1,178.33	621.38
Gallagher, B. A.	Veterinary inspector, at \$1,800	1,015.00	1,549.64
Hammond, H. J.	do	1,800.00	497.15
Hanawalt, David C.	do	1,050.00	754.29
Hiatt, William L.	Veterinary inspector, at \$1,800; horse hire, \$420	1,470.00	445.52
Hicks, H. H.	Veterinary inspector, at \$1,800	1,800.00	1,937.10
Holcombe, A. A.	do	1,125.00	112.43
Hougendobler, John J.	do	1,800.00	768.61
Howe, Walter E.	do	1,170.00	441.07
Hurst, Wilbur H.	do	1,800.00	672.45
Hutchinson, E. N.	do	1,800.00	1,186.08
Irwin, A. N.	Veterinary inspector, at \$1,800; horse hire, \$37.50	262.50	48.15
Jackson, Roy E.	Veterinary inspector, at \$1,800	1,050.00	639.47
Johnson, Western L.	do	1,800.00	737.75
Jones, Wm. F.	do	1,800.00	694.49
Kershner, Peter I.	do	1,800.00	401.39
Lawton, R. G.	do	1,800.00	784.23
Lowe, John H.	do	1,800.00	703.05
McCall, Chas. A.	do	195.00	103.57
McClure, Stewart W.	do	1,800.00	630.09
McNally, Henry R.	Veterinary inspector, at \$1,800; horse hire, \$360	2,160.00	318.15
Mayne, H. D.	Veterinary inspector, at \$1,800	1,800.00	263.55
Miller, Arthur W.	Veterinary inspector, at \$1,800; horse hire, \$110	1,910.00	156.90
Morrison, Robt. J.	Veterinary inspector, at \$1,800	150.00	26.45
Murray, F. E.	do	1,145.00	602.23
Myers, Murray J.	do	1,050.00	407.86
Niles, W. B.	Veterinary inspector, at \$1,800 and \$2,000	1,891.67	322.28
Nutting, L. A.	Veterinary inspector, at \$1,800	1,800.00	636.95
Pearson, Charles	do	1,800.00	326.30
Perry, F. M.	do	685.00	56.90
Rague, Chas. A.	do	1,015.00	493.80
Savage, Willard A.	Veterinary inspector, at \$1,800; horse hire, \$637.50	2,437.50	590.46
Schumacher, Wilhelm	Veterinary inspector, at \$1,800	1,800.00	744.52
Siggins, E. L.	do	1,800.00	571.31
Simpson, John M.	Veterinary inspector, at \$1,800; horse hire, \$300	2,100.00	335.98
Stauffer, J. A.	Veterinary inspector, at \$1,800	1,795.00	987.75
Stewart, W. J.	do	1,545.00	784.63
Stout, Edgar N.	do	1,740.00	422.05
Totten, Geo. E.	do	1,800.00	152.09
Ward, G. W.	do	1,800.00	57.65
Wiley, Morris C.	Veterinary inspector, at \$1,800; horse hire, \$637.50	2,437.50	437.23
Zink, Chas. H.	Veterinary inspector, at \$1,800	1,800.00	377.85
Behler, C. R.	Veterinary inspector, at \$1,600	1,071.11	835.85
Bracken, W. J.	Veterinary inspector, at \$1,600 and \$1,800	816.67	179.47
Buffington, Ralph M.	Veterinary inspector, at \$1,600; horse hire, \$292	940.89	215.63

## BUREAU OF ANIMAL INDUSTRY--Continued.

Report of expenditures for the fiscal year ended June 30, 1903, under appropriation  
 "General expenses, Bureau of Animal Industry, 1903, \$892,200"—Continued.

## LUMP-FUND SALARIES--Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington--Cont'd.</i>			
Butler, Wm. J.	Veterinary inspector, at \$1,600	\$1,600.00	\$966.88
Cady, Bert J.	do.	1,600.00	1,261.65
Campbell, Larkin S.	do.	1,600.00	437.19
Dill, Robert.	do.	1,600.00	628.90
Elwell, Fred N.	do.	1,582.22	754.75
Gallagher, J. J.	do.	1,600.00	1,051.65
Glynn, F. J.	do.	1,524.44	540.27
Graham, Ralph.	Veterinary inspector, at \$1,600; horse hire, \$520.	2,120.00	625.54
Hamilton, Wm.	Veterinary inspector, at \$1,600	1,600.00	452.20
Harmon, Arthur A.	do.	1,600.00	820.21
Heacock, Clyde C.	Veterinary inspector, at \$1,600 and \$1,800; horse hire, \$412.50.	2,120.83	839.35
Henderson, Edwin P.	Veterinary inspector, at \$1,600	902.22	1,096.08
Henderson, L. C.	Veterinary inspector, at \$1,600; horse hire, \$180.	1,780.00	318.11
Hoymann, Harry J.	Veterinary inspector, at \$1,600	1,106.66	230.65
Johnson, Fred E.	do.	1,600.00	593.90
Johnson, Levi E.	do.	1,600.00	843.65
Noyes, Orrin W.	do.	1,600.00	727.60
O'Connor, John P.	Veterinary inspector, at \$1,600 and \$1,800	1,707.22	1,084.55
Paul, Arthur.	Veterinary inspector, at \$1,600	902.22	985.44
Pinkerton, H. E.	do.	1,600.00	615.11
Ragland, Marcus J.	do.	902.22	990.69
Rapp, Chas. A.	do.	1,600.00	892.75
Schofield, Major.	do.	271.12	667.65
Skinner, Wm. A.	Veterinary inspector, at \$1,600; horse hire, \$637.50.	2,237.50	565.70
Snyder, Rudolph.	Veterinary inspector, at \$1,600	1,600.00	826.67
Songer, Lee C.	do.	604.44	434.16
Young, John M.	do.	1,600.00	476.84
Allen, Frank T.	Veterinary inspector, at \$1,400	377.22	213.45
Allen, Rollin M.	do.	1,400.00	384.37
Anders, Thomas O.	do.	719.45	97.45
Barnhart, Emmett P.	do.	466.67	330.35
Barr, Irwin E.	do.	1,400.00	295.55
Beattie, Joseph G.	do.	58.33	197.10
Bontrager, Charles F.	do.	408.34	327.45
Brimhall, S. D.	do.	1,400.00	324.11
Butcher, James C.	do.	466.67	148.14
Butin, George E.	do.	446.67	111.61
Caldwell, Harry.	do.	735.01	1,269.16
Casper, George T.	Veterinary inspector, at \$1,400; horse hire, \$637.50.	2,037.49	625.52
Cater, Fred C.	Veterinary inspector, at \$1,400; horse hire, \$720.	2,120.00	518.57
Coffy, Joseph P.	Veterinary inspector, at \$1,400; horse hire, \$35.	824.45	730.90
Cole, Guy T.	Veterinary inspector, at \$1,400; horse hire, \$52.	619.78	219.57
Conley, Charles C.	Veterinary inspector, at \$1,400 and \$1,600.	289.44	69.20
Corbett, Charles M.	Veterinary inspector, at \$1,400	1,283.33	744.25
Courtright, Wm. W.	do.	1,225.00	488.64
Cracroft, T. Byron.	do.	789.45	494.35
Dallas, John T.	do.	350.00	5.35
Davis, Benjamin F.	do.	431.67	373.45
Dumbauld, Harry.	Veterinary inspector, at \$1,400; horse hire, \$384.	1,317.34	347.74
Eagle, Alexander F.	Veterinary inspector, at \$1,400	140.01	172.45
Eastman, Charles	do.	237.23	384.10
Exline, James C.	Veterinary inspector, at \$1,400 and \$1,600	1,575.00	931.32
Fay, Hugh.	Veterinary inspector, at \$1,400	1,279.45	526.71
Flaherty, George F.	do.	816.67	572.06
Gallagher, Francis L.	do.	1,400.00	761.35
Glaissyer, Ernest L.	do.	968.34	622.70
Glaissyer, Wallace V.	do.	365.56	244.13
Glenn, Harry H.	Veterinary inspector, at \$1,400; horse hire, \$52.	386.44	276.43
Grimes, Robert B.	Veterinary inspector, at \$1,400; horse hire, \$250.	1,416.67	265.83
Gross, W. F.	Veterinary inspector, at \$1,400	1,400.00	1,273.70
Hart, Harry M.	do.	1,283.33	517.73
Jones, Louis L.	Veterinary inspector, at \$1,400; horse hire, \$19.17.	485.84	84.79
Jones, Robert W.	Veterinary inspector, at \$1,400	1,400.00	351.39
Jones, Thomas B.	do.	408.34	88.50
Knowles, Virgil W.	do.	167.23	281.30
Lacy, Walter J.	do.	1,108.33	288.08
Lash, Elmer.	do.	174.99	19.04
Lipp, George A.	Veterinary inspector, at \$1,400 and \$1,600; horse hire, \$637.50.	2,212.50	563.42

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McCarthy, Thos. A.	Veterinary inspector, at \$1,400; horse hire, \$187.50	\$1,587.50	\$830.47
McCauley, Robert A.	Veterinary inspector, at \$1,400	140.01	104.50
McClure, Ellis R.	do	481.67	317.30
McCoy, Ellis E.	do	972.23	487.55
McGinnis, R. W.	do	1,400.00	817.00
McMullen, Robert H.	do	194.45	59.10
Mason, W. D.	do	1,400.00	1,177.34
Moore, Hubert O.	do	377.22	363.92
Myers, Willis A.	do	727.22	922.37
Naylor, Ralph E.	do	1,400.00	408.84
Ney, William O.	do	451.11	193.76
Norgaard, Victor A.	do	1,400.00	
Noyes, Ralph E.	do	816.67	473.51
O'Banion, A. L.	do	466.67	461.17
Oldaker, Emery E.	do	1,400.00	757.80
Owen, Thomas M.	do	759.45	1,100.13
Paxton, I. B.	do	1,400.00	668.70
Peabody, Horace C.	do	641.66	281.44
Peck, Edwin J.	do	276.11	325.55
Philpott, L. B.	do	1,400.00	608.50
Priest, Benj. H.	do	466.67	294.20
Pritchard, Wm. T.	do	408.34	336.75
Proper, L. J.	do	1,400.00	1,025.85
Purcell, John T.	do	167.23	196.32
Rhoades, Marion H.	do	350.00	373.04
Rietz, John H.	Veterinary inspector, at \$1,400 and \$1,600	1,499.45	776.52
Rigdon, Frank	Veterinary inspector, at \$1,400; horse hire, \$52	475.89	261.61
Rigdon, Scott J.	Veterinary inspector, at \$1,400; horse hire, \$404	1,220.67	312.12
Robards, Jesse	Veterinary inspector, at \$1,400; horse hire, \$720	2,120.00	441.78
Rosenberger, Maynard	Veterinary inspector, at \$1,400	759.45	786.05
Rozell, William O.	do	140.01	153.43
Schneider, Fred. L.	Veterinary inspector, at \$1,400 and \$1,600; horse hire, \$37.50	2,170.83	812.15
Schultz, Henry M.	Veterinary inspector, at \$1,400	276.11	325.40
Scott, Preston B.	do	816.67	524.50
Smith, Walter A.	do	1,400.00	3.55
Sorrell, Warren.	do	1,400.00	527.49
Spencer, Wm. T.	do	1,400.00	688.34
Stange, Charles H.	do	101.11	96.10
Steele, Joseph G.	Veterinary inspector, at \$1,400; horse hire, \$450	1,383.34	417.05
Stults, Clinton L.	Veterinary inspector, at \$1,400	1,400.00	310.45
Talbot, Seth P.	do	703.89	254.39
Taylor, Albert M.	do	167.23	192.70
Taylor, Paul P.	do	408.34	390.03
Teepie, Geo. R.	do	1,400.00	750.86
Thomas, George E.	do	1,116.11	756.00
Thornton, E. L.	do	186.67	144.99
Tiffany, John B.	do	641.66	368.11
Traut, Jacob	Veterinary inspector, at \$1,400 and \$1,600	1,038.33	537.09
Vermillion, Rommie C.	Veterinary inspector, at \$1,400	1,267.78	252.46
Warner, Dick E.	Veterinary inspector, at \$1,400; horse hire, \$245	1,061.67	334.04
Yenner, Wm.	Veterinary inspector, at \$1,400; horse hire, \$37.50	1,437.50	295.12
Dade, John S.	Veterinary inspector, at \$1,200	870.00	595.85
Davidson, Wm. A.	Veterinary inspector, at \$1,200 and \$1,400	517.77	222.29
Fauks, Carl H.	Veterinary inspector, at \$1,200	323.33	362.75
Fish, Wesley F.	Veterinary inspector, at \$1,200; horse hire, \$375	1,575.00	1,060.25
Galt, Sid.	Veterinary inspector, at \$1,200 and \$1,400	1,033.33	582.60
Lauman, Fred J.	Veterinary inspector, at \$1,200	136.67	39.32
Morin, C. L.	Veterinary inspector, at \$1,200 and \$1,500	1,375.00	135.70
Nance, Joseph E.	Veterinary inspector, at \$1,200 and \$1,400; horse hire, \$4	559.00	118.76
Olbeter, Rudolph M.	Veterinary inspector, at \$1,200 and \$1,400; horse hire, \$225	1,508.34	971.88
Robertson, Andrew	Veterinary inspector, at \$1,200	250.00	113.26
Silverwood, Herbert	do	1,200.00	986.49
Smith, S. M.	Veterinary inspector, at \$1,200 and \$1,400	1,350.00	469.73
Will, Evan J.	Veterinary inspector, at \$1,200	646.66	1,076.94
Yard, Wm. W.	do	376.67	249.38
Deadman, John F.	Veterinary inspector, at \$3 per diem	204.00	
Shaw, Roscoe H.	Assistant dairyman, at \$1,800	1,800.00	264.95

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thom, C.	Assistant dairyman, at \$1,800	\$1,800.00	\$180.26
Barnes, S. E.	Assistant dairyman, at \$1,600	1,600.00	1,305.57
Credicott, H. J.	do.	1,600.00	500.04
Doane, C. F.	do.	1,600.00	498.41
Joslin, John C.	do.	466.67	361.58
Weld, I. C.	do.	1,600.00	730.95
Winkler, Joel G.	do.	1,004.45	675.66
Dox, Arthur W.	Assistant dairyman, at \$1,500	1,500.00	139.67
Dorman, J. E.	Assistant dairyman, at \$1,400	1,400.00	1,040.20
Guthrie, J. C.	do.	878.89	806.97
Moser, C. O.	do.	1,400.00	668.35
Risser, A. K.	do.	1,400.00	1,375.19
Woodward, T. E.	Assistant dairyman, at \$1,200	1,200.09	739.50
Eaton, J. T.	Agent in dairying, at \$720 and \$900	723.00	703.34
Mitchel, C. L.	Expert in dairying, at \$1,600	71.11	87.28
Moore, J. W.	Expert in dairying, at \$1,200	900.00	10.25
Burch, D. S.	Expert in dairying, at \$75 per month	15.00	28.50
Forrest, A. C.	Expert in dairying, at \$720	12.00	37.51
Frevert, G. E.	do.	12.00	33.48
Lambert, G. M.	do.	12.00	34.19
McKay, W. G.	do.	12.00	28.62
Rudwick, A. W.	do.	12.00	37.85
Thomson, F. R.	do.	720.00	21.42
Odell, F. S.	Expert in cream inspection, at \$1,600	266.67	172.05
Sherk, John L.	Expert in creamery methods, at \$1,400	1,050.00	226.82
Campbell, H. C.	Expert in milk hygiene, at \$1,200	600.00	12.00
Issajeff, Theo. W.	Expert cheese maker, at \$1,000 and \$1,200	1,091.67	213.15
Halverson, J. O.	Expert in dairy chemistry, at \$840	476.00	.....
Bushnell, L. D.	Expert in dairy bacteriology, at \$800	800.00	.....
Frederick, H. J.	Expert on contagious diseases of sheep, at \$200	200.00	23.81
Dawson, Chas. F.	Expert on anthrax, at \$100 per annum	26.94	.....
Lang, M. W.	Dairy inspector, at \$2,000	2,000.00	1,439.05
Wells, Levi.	Dairy inspector, at \$1,800	1,800.00	1,339.95
McAdam, Robert.	Dairy inspector, at \$1,500 and \$1,700	1,591.67	1,284.61
Tinkham, Frank A.	Agent in dairying, at \$4 per diem	148.00	.....
McClain, J. H.	Agent in dairying, at \$900 and \$1,200	635.00	568.47
Welch, R. R.	Agent in dairying, at \$900	412.50	396.38
Lykes, H. P.	Agent in dairying, at \$840	840.00	837.77
Fryhofer, C. W.	Scientific assistant in dairying, at \$1,200	1,200.00	363.03
Conover, J. A.	Scientific assistant, at \$1,200	1,200.00	612.83
Graybill, Harry W.	do.	1,200.00	73.96
Williams, John O.	do.	350.00	173.57
Davies, L. R.	Scientific assistant, at \$1,000	1,000.00	19.84
Perkins, Albert E.	Scientific assistant, at \$900	897.50	.....
Beaumont, Ed. V.	Inspector's assistant, at \$840	70.00	7.65
Shaw, Edward L.	Assistant in animal husbandry, at \$1,800	1,800.00	1,452.29
Dean, Albert.	Live-stock inspector, at \$2,000	2,000.00	286.50
Jordan, Wm. D.	Live-stock inspector, at \$1,400; horse hire, \$250	1,213.34	462.45
McCunningham, Dan.	Live-stock inspector, at \$1,400; horse hire, \$420	1,236.67	166.50
Moser, George C.	Live-stock inspector, at \$1,400	1,400.00	1,129.73
Bruser, Joseph.	Live-stock inspector, at \$1,200	1,200.00	.....
Stine, B. L.	do.	1,200.00	31.30
Pitney, Albert L.	Special agent, at \$1,800	760.00	.....
Burch, S. Royden	Special agent, at \$1,000	1,000.00	534.90
Mohler, Wm. H.	do.	302.78	163.46
Pope, George W.	Superintendent of station, at \$1,800	1,650.00	370.99
Wade, Wm. H.	Superintendent, at \$900	900.00	.....
Coyte, Thomas.	Vessel inspector, at \$1,500	375.00	.....
Carter, George.	Vessel inspector, at \$1,200	300.00	.....
Flannery, James.	do.	300.00	.....
Bailey, Mabel.	Collaborator, at \$300 per annum	113.33	.....
Bork, J. J.	Collaborator, at \$25 per month	75.00	.....
McCullough, Edna.	Collaborator, at \$300	25.00	.....
Payne, G. C.	Collaborator, at \$300, and expert in dairy chemistry, at \$720	118.33	.....
Suzuki, S. K.	Collaborator, at \$200	200.00	.....
Kernachan, John S.	Collaborator, at \$100	20.84	.....
Nobel, P. W.	Collaborator, at \$12 per month	47.60	.....
Robinson, George H.	Field stock examiner, at \$1,200	140.00	91.83
Spindler, Edwin S.	Field stock examiner, at \$1,200; horse hire, \$637.50	1,837.50	831.90

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Armstrong, Harry E.....	Field stock examiner, at \$1,000.....	\$83.33	\$35.35
Durham, Leon.....	Field stock examiner, at \$1,000, and agent in scabies eradication, at \$1,000.....	419.46	156.12
Gillett, S. D.....	Field stock examiner, at \$1,000.....	105.55	17.80
Hascall, Morris T.....	Field stock examiner, at \$1,000 and \$1,200; horse hire, \$250.....	1,333.33	547.91
Haskett, Bert.....	Field stock examiner, at \$1,000.....	997.22	662.45
Nelson, Jean I.....	do.....	583.33	652.65
O'Neill, Ernest R.....	do.....	1,000.00	649.72
Rea, Thomas B.....	do.....	1,000.00	872.12
Rork, Charles F.....	do.....	1,000.00	1,198.55
Sargent, Linus E.....	do.....	833.33	867.38
Schafer, Cecil K.....	do.....	1,000.00	766.83
Speake, Edward O.....	do.....	1,000.00	476.55
Bibb, A. G.....	Stock examiner, at \$1,200.....	206.67	206.18
Blackman, C. E.....	do.....	1,200.00	42.65
Broadhurst, Robt. A.....	do.....	1,200.00	781.75
Brown, Charles A.....	do.....	1,200.00	403.29
Bruton, A. R.....	do.....	300.00	.....
Ewing, Frank A.....	do.....	900.00	.....
Flynn, Wm. T.....	do.....	300.00	.....
Freeman, Harry D.....	do.....	400.00	.....
Hanton, George T.....	do.....	300.00	.....
Jackson, Robert E. L.....	do.....	1,200.00	424.19
Kochanowski, R.....	do.....	300.00	.....
Lowry, Thos. J.....	do.....	1,200.00	887.10
McDonald, Harry L.....	do.....	836.67	652.39
Markert, George.....	do.....	1,200.00	217.45
Merrill, Jay.....	do.....	1,200.00	448.70
Morgan, Porter.....	do.....	1,200.00	24.15
Mowrer, Wm. E.....	do.....	300.00	.....
Peck, Scott W.....	do.....	600.00	437.83
Pidcock, W. S.....	do.....	300.00	.....
Proudfoot, Wm.....	do.....	1,200.00	898.10
Schierman, John F.....	do.....	300.00	.....
Upton, Wallace L.....	do.....	576.67	276.55
Wagner, A. E.....	do.....	1,200.00	43.45
Biggs, Anson W.....	Stock examiner, at \$1,000.....	583.34	20.55
Cannon, Earl C.....	do.....	1,000.00	6.86
Crandall, W. W.....	do.....	250.00	72.60
Gill, Edgar.....	do.....	1,000.00	.....
Holland, Jeremiah.....	do.....	250.00	.....
Lawson, James M.....	do.....	400.00	198.35
McGuire, Wm. R.....	do.....	250.00	.....
Robinson, Chas. H.....	do.....	941.67	795.48
Sawtell, Joseph E.....	do.....	250.00	5.05
Shale, Solomon C.....	do.....	250.00	.....
Shannon, John D.....	do.....	250.00	.....
Smith, Edward M.....	do.....	250.00	245.85
Archer, Rollie J.....	Stock examiner, at \$900 and \$1,000.....	450.01	414.05
Covington, Percy C.....	Stock examiner, at \$900.....	900.00	681.25
Creech, Gilbert T.....	Stock examiner, at \$900, and agent in scabies eradication, at \$1,000.....	505.56	269.80
Faulder, Ernest T.....	Stock examiner, at \$900, and veterinary inspector, at \$1,400.....	362.50	.....
Gove, Arthur W.....	Stock examiner, at \$900.....	225.00	4.96
Lint, Henry M.....	Stock examiner, at \$900 and \$1,000.....	245.84	.....
Lowe, C. D.....	Stock examiner, at \$900.....	182.50	208.95
Meade, Albert M.....	do.....	300.00	.....
Pickett, Theodore.....	do.....	300.00	.....
Shepherd, R. C.....	do.....	900.00	144.86
Snell, John W.....	do.....	300.00	.....
Spencer, Clyde G.....	do.....	300.00	55.87
Tierney, D. D.....	do.....	225.00	.....
Travers, Frederick P.....	do.....	75.00	9.60
Olson, Olof J.....	Inspector's assistant, at \$840.....	210.00	249.94
Gilmore, Elias.....	Tagger, at \$900, and skilled laborer, at \$900.....	900.00	3.25
Hinkson, Ransom.....	Tagger, at \$900.....	225.00	.....
Lentz, Edward S.....	Tagger, at \$900, and skilled laborer, at \$900.....	375.00	398.95
Bray, Stephen.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	540.56	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Carter, Clifton.....	Tagger, at \$840, skilled laborer, at \$840, and veterinary inspector, at \$1,400; horse hire, \$70.	\$561.00	\$73.05
De Laney, John V.....	Tagger, at \$840, and inspector's assistant, at \$1,000; horse hire, \$420.	1,313.34	444.07
Maxwell, Geo. E.....	Tagger, at \$840.....	193.67	.....
Newman, Robert R.....	Tagger, at \$840; inspector's assistant, at \$1,000; and veterinary inspector, at \$1,400.	463.33	510.50
Rieman, Joseph J.....	Tagger, at \$840.....	210.00	.....
Sigrist, Fred C.....	do.....	210.00	.....
Sutton, Clemmons G.....	Tagger, at \$840; horse hire, \$72.....	282.00	1.05
Tellejohn, Edwin H.....	Tagger, at \$840.....	210.00	.....
Zimmerman, Herman E.....	do.....	210.00	8.40
Fladness, Sever O.....	Tagger, at \$720, and skilled laborer, at \$720.....	720.00	732.50
Hamilton, Thos. B.....	Tagger, at \$720.....	110.00	923.45
Hume, Harry F.....	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Keyser, Chas. T.....	Tagger, at \$720.....	179.00	.....
Marshall, Frank L.....	Tagger, at \$720, and inspector's assistant, at \$840.	294.00	398.75
Raub, Austin J.....	Tagger, at \$720.....	180.00	.....
Tunstall, Jennie.....	Assistant microscopist, at \$600.....	150.00	.....
Douglass, A. H.....	Assistant chemist, at \$720 and \$25 per month.....	178.83	319.40
Hickox, George S.....	Agent in charge, at \$1,800.....	1,800.00	1,125.35
Van Es, L.....	Agent, at \$12 per diem.....	84.00	.....
Kay, John Boyd.....	Agent, at \$900.....	900.00	.....
Kirkpatrick, W. F.....	Agent in turkey investigations, at \$900.....	900.00	.....
Cole, L. J.....	Agent in turkey investigations, at \$700.....	492.89	.....
Beck, Morris.....	Agent in scabies eradication, at \$6 per diem and \$1,000.	425.44	302.60
Bushee, Glenn A.....	Agent in scabies eradication, at \$6 per diem.....	42.00	.....
Clay, Leslie G.....	Agent in scabies eradication, at \$6 per diem and \$1,000.	652.45	180.41
Compton, Carson.....	do.....	766.56	140.50
Ginn, J. H.....	do.....	446.78	236.37
Giraldo, Alex.....	Agent in scabies eradication, at \$6 per diem and \$840.	367.00	160.30
Hardy, Claude H.....	Agent in scabies eradication, at \$6 per diem and \$1,000.	332.67	386.35
Johnstone, S. A.....	Agent in scabies eradication, at \$6 per diem.....	90.00	.....
Lindsay, J. W.....	do.....	216.00	15.15
Martin, Edward P.....	do.....	420.00	.....
Morris, Andrew.....	do.....	168.00	10.25
Morris, C. S.....	Agent in scabies eradication, at \$6 per diem and \$1,000.	659.45	86.60
Neal, John T.....	Agent in scabies eradication, at \$6 per diem and \$960.	346.00	203.25
Rawling, W. J.....	do.....	916.67	881.40
Ryan, W. M.....	Agent in scabies eradication, at \$6 per diem, \$960, and \$1,000.	726.12	262.32
Stevens, J. W.....	Agent in scabies eradication, at \$6 per diem.....	30.00	.....
Terry, G. M.....	do.....	66.00	.....
Tornquist, A.....	Agent in scabies eradication, at \$6 per diem and \$840.	521.00	211.41
Young, E. J.....	Agent in scabies eradication, at \$6 per diem.....	144.00	.....
Knox, C. B.....	Agent in scabies eradication, at \$5 per diem.....	305.00	.....
Allen, Ed. R.....	Agent in scabies eradication, at \$1,200 and \$1,000.	500.00	902.35
Foster, J. P.....	Veterinary inspector, at \$1,200, agent in scabies eradication, at \$1,200, and veterinary inspector, at \$1,400.	625.00	217.23
James, I. L.....	Agent in scabies eradication at \$1,200, and veterinary inspector, at \$1,400.	1,350.00	524.10
Mayer, N. J.....	Agent in scabies eradication, at \$1,200.....	600.00	344.55
Bentley, Chas. A.....	Agent in scabies eradication, at \$5 per diem.....	519.44	536.48
Bidegary, Domingo.....	do.....	250.00	187.90
Corbin, E. A.....	do.....	513.87	401.95
Dunn, Piatt.....	do.....	436.10	373.90
Harbour, Henry W.....	Agent in scabies eradication, at \$1,000; horse hire, \$30.	113.34	.....
Harper, Benj. F.....	Agent in scabies eradication, at \$1,000; horse hire, \$100.	597.23	188.35
Logan, James.....	Agent in scabies eradication, at \$1,000.....	519.44	505.59
McCabe, B. D.....	do.....	1,000.00	127.25

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Adams, J. D.	Agent in scabies eradication, at \$960 and \$1,000	\$465.00	\$635.15
Alaya, W. C.	do.	970.00	397.51
Asher, Henry E.	Agent in scabies eradication, at \$960	234.67	180.10
Bertrand, Charles	do.	252.00	163.45
Chambers, Leroy M.	do.	373.33	220.30
Cunningham, Michael F.	do.	252.00	81.59
Curry, Hugh E.	do.	229.33	150.10
Dill, Bennie G.	Agent in scabies eradication, at \$960, and veterinary inspector, at \$1,400.	237.00	132.35
Dodson, George J.	Agent in scabies eradication, at \$960 and \$1,000	970.00	572.10
Dougherty, Alvin	Agent in scabies eradication, at \$960 and \$1,000; horse hire, \$100.	744.66	229.00
Dyer, Jesse A.	Agent in scabies eradication, at \$960	178.67	76.46
Eitling, Christian C.	Agent in scabies eradication, at \$960 and \$1,000, and veterinary inspector, at \$1,400.	501.33	338.12
Ewers, Smith V.	Agent in scabies eradication, at \$960 and \$1,000	490.00	461.23
Freeman, Carl E.	Agent in scabies eradication, at \$960 and \$1,000, and veterinary inspector, at \$1,400.	495.99	743.70
Hearn, Joseph L.	Agent in scabies eradication, at \$960	229.33	437.30
Hickox, Claude	Agent in scabies eradication, at \$960 and \$1,000	490.00	470.15
Ivers, Robert	do.	970.00	279.12
Kailer, Warren C.	Agent in scabies eradication, at \$960 and \$840, and veterinary inspector, at \$1,400.	363.34	374.17
Law, F. W.	Agent in scabies eradication, at \$960	259.89	212.90
McBroom, Ralph	Agent in scabies eradication, at \$960 and \$840	459.33	587.36
McFall, Jonathan	Agent in scabies eradication, at \$960 and \$1,000; horse hire, \$146.67.	791.12	179.56
Mahoney, W. J.	Agent in scabies eradication, at \$960	112.00	145.85
Moreno, Reuben J.	Agent in scabies eradication, at \$960 and \$1,000	970.00	542.73
Osborn, Wm. F.	Agent in scabies eradication, at \$960	234.67	144.45
Petty, Fred L.	Agent in scabies eradication, at \$960 and \$1,000	794.00	570.40
Pickett, James F.	Agent in scabies eradication, at \$960	205.33	209.50
Pine, David B.	do.	252.00	77.35
Pine, Henry E.	Agent in scabies eradication, at \$960 and \$840	442.00	155.80
Swaney, Frank C.	Agent in scabies eradication, at \$960 and \$1,200	553.33	209.73
Talbot, Ralston M.	Agent in scabies eradication, at \$960 and \$1,000; horse hire, \$100.	827.33	360.80
Watters, Sidney A.	Agent in scabies eradication, at \$960 and \$1,000	479.33	507.46
Wilkes, R. W. A.	do.	970.00	801.55
Douglas, Hopson O.	Agent in scabies eradication, at \$900 and \$1,000; horse hire, \$86.67.	1,211.67	282.95
Hammack, I. C.	Agent in scabies eradication, at \$900 and \$1,000	925.00	100.84
Lackey, Sidney	Agent in scabies eradication, at \$900 and \$1,000; horse hire, \$149.17	1,074.17	161.64
Smith, Cyrus R.	Agent in scabies eradication, at \$900 and \$1,000; horse hire, \$4.00	1,345.06	140.95
Weaver, George P.	Agent in scabies eradication, at \$900; horse hire, \$142.50.	420.00	37.65
White, Elmere W.	Agent in scabies eradication, at \$900; horse hire, \$100.	400.00	69.72
Adams, Ernest L.	Agent in scabies eradication, at \$840	471.34	477.85
Anderson, Wm. C.	do.	217.33	189.45
Barnard, Wirt R.	Agent in scabies eradication, at \$840 and \$1,000	450.67	279.88
Blickahn, Geo.	do.	411.00	315.71
Brown, G. H.	do.	453.33	442.51
Burkholder, C. E.	do.	371.67	424.85
Collins, Alva G.	Agent in scabies eradication, at \$840	209.67	76.35
Collins, G. C.	do.	333.67	404.45
Conard, John A.	do.	114.33	133.60
Davis, W. L.	Agent in scabies eradication, at \$840 and \$1,000	430.00	430.70
Donnelly, Edgar W.	Agent in scabies eradication, at \$840	70.00	65.30
Dunaway, Whig F.	Agent in scabies eradication, at \$840 and \$1,000	425.00	413.49
Dye, Wm. C.	Agent in scabies eradication, at \$840	205.33	190.40
Eddingfield, A. A.	do.	163.33	245.95
Ellis, C. Roland	Agent in scabies eradication, at \$840, and assistant in scabies eradication, at \$1,000.	880.00	286.30
Ellis, Walter J.	do.	660.66	677.55
Emonts, Joseph	Agent in scabies eradication, at \$840	203.00	78.90
Fish, R. J.	do.	193.67	73.75
Foster, Samuel L.	do.	70.00	18.35

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
French, Jesse E.	Agent in scabies eradication, at \$840.	\$151.67	\$131.73
Gilbert, Louis C.	Agent in scabies eradication, at \$840 and \$1,000.	635.00	593.11
Gomel, Charles.	Agent in scabies eradication, at \$840.	200.67	96.70
Heckart, H. L.	Agent in scabies eradication, at \$840 and \$1,000.	639.67	1,065.55
Holbrook, Justin B.	Agent in scabies eradication, at \$840.	205.33	199.45
Hulbush, Chas.	Agent in scabies eradication, at \$840 and \$1,200.	475.00	425.83
Jones, John S.	Agent in scabies eradication, at \$840.	280.00	251.30
Jung, Otto E.	do.	200.67	254.15
Justin, Miner M.	do.	338.33	154.05
Kinsey, O., Jr.	do.	214.67	133.50
Korb, Walter A.	Agent in scabies eradication, at \$840 and \$1,000.	425.00	549.43
Kramer, Welker F.	Agent in scabies eradication, at \$840.	210.00	112.39
Lamborn, George E.	do.	490.00	294.33
Lemery, Albro A.	do.	205.33	201.40
Mason, Frank H.	Agent in scabies eradication, at \$840 and \$1,000.	435.00	519.95
Mather, Chalmer A.	do.	593.00	724.66
Montgomery, Joe S.	Agent in scabies eradication, at \$840.	151.67	129.35
Morris, David Karl.	Agent in scabies eradication, at \$840 and \$1,000.	369.00	368.40
Nelson, Swen.	do.	600.00	601.20
Pelsue, Owen E.	do.	711.67	428.17
Perry, James.	Agent in scabies eradication, at \$840.	200.67	254.20
Philips, Allen G.	do.	322.00	331.24
Porter, Ray O.	do.	210.00	280.85
Ring, Nathaniel S.	Agent in scabies eradication, at \$840, \$960, and \$1,000.	665.56	738.89
Rockwell, Marshall H.	Agent in scabies eradication, at \$840.	387.33	101.40
Roney, Byrle C.	Agent in scabies eradication, at \$840 and \$1,000.	880.00	558.96
Rooper, John A.	Agent in scabies eradication, at \$840.	70.00	39.05
Sawhill, W. H.	Agent in scabies eradication, at \$840 and \$1,000.	796.00	1,084.06
Schafer, Conrad.	Agent in scabies eradication, at \$840.	151.67	230.77
Shraiberg, S. G.	do.	189.00	279.65
Simpson, Harry H.	do.	275.33	226.28
Smith, Lee C.	do.	200.67	309.69
Sullivan, Dan C.	Agent in scabies eradication, at \$840 and \$1,000.	488.34	592.89
Tremper, Henry J.	Agent in scabies eradication, at \$840.	205.33	185.03
Vance, Arthur.	do.	280.00	245.85
Waugh, Erick N.	do.	350.00	362.85
Williams, Robt. E.	Agent in scabies eradication, at \$840 and \$1,000.	439.00	245.84
Willits, Earl V.	do.	880.00	609.06
Worswick, R. C.	do.	880.00	573.08
Bascom, D. C.	Agent in scabies eradication, at \$720.	90.00	118.72
Blackburn, Wm. J.	Agent in scabies eradication, at \$720; horse hire, \$75.	165.00	.....
Brown, C. W.	Agent in scabies eradication, at \$720.	194.00	345.16
Butterfield, A. J.	do.	100.00	153.80
Cain, Alonzo C.	Agent in scabies eradication, at \$720; horse hire, \$87.	261.00	30.75
Caldwell, W. A.	Agent in scabies eradication, at \$720.	142.00	124.48
Chugg, Ezra A.	do.	180.00	198.00
Cockerton, E. B.	do.	186.00	279.26
Custer, William A.	Agent in scabies eradication, at \$720; horse hire, \$150.	330.00	30.40
Davidson, Carl.	Agent in scabies eradication, at \$720.	210.00	185.03
Dean, Edward M.	Agent in scabies eradication, at \$720; horse hire, \$100.	220.00	.....
De Serpa, J. A.	Agent in scabies eradication, at \$720.	192.00	245.58
Dickov, Lewis.	Agent in scabies eradication, at \$720; horse hire, \$150.	330.00	68.54
Dinsmore, J. B.	Agent in scabies eradication, at \$720.	30.00	36.10
Dolan, F. F.	do.	110.00	122.32
Donaldson, George T.	Agent in scabies eradication, at \$720 and \$960; horse hire, \$150.	350.00	55.29
Douglass, G. H.	Agent in scabies eradication, at \$720.	192.00	.....
Ellett, Lucius G.	do.	180.00	191.88
Farr, Ernest.	do.	100.00	164.33
Feley, A. E.	do.	186.00	126.19
Ferrier, Charles N.	do.	174.00	221.19
Grau, J. A.	do.	144.00	201.65
Hutsell, Tice.	do.	110.00	113.06
Jones, Chas. I.	do.	16.00	27.25

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Knighton, Lynn.....	Agent in scabies eradication, at \$720.....	\$162.00	\$201.90
Lang, A. R.....	do.....	134.00	74.00
Lord, William H.....	Agent in scabies eradication, at \$720; horse hire, \$175.....	385.00	63.65
Macmurdy, Wirt R., jr.....	Agent in scabies eradication, at \$720.....	200.00	104.12
McGillivray, John E.....	Agent in scabies eradication, at \$720; horse hire, \$175.....	385.00	.....
McKoon, H. C.....	Agent in scabies eradication, at \$720.....	142.00	132.80
Miller, Charles P.....	Agent in scabies eradication, at \$720; horse hire, \$175.....	385.00	30.33
Nebeker, Shirley.....	Agent in scabies eradication, at \$720.....	180.00	197.35
Northrup, Leonard E.....	do.....	60.00	36.15
Powers, H. R.....	do.....	68.00	22.81
Prien, Roland H.....	do.....	90.00	36.00
Puderbaugh, Chas. A.....	Agent in scabies eradication, at \$720; horse hire, \$ 50.....	330.00	18.30
Rhodes, L. C.....	Agent in scabies eradication, at \$720.....	90.00	87.65
Rice, E. J.....	Agent in scabies eradication, at \$720; horse hire, \$150.....	330.00	64.73
Sheffel, Joseph.....	Agent in scabies eradication, at \$720.....	110.00	83.14
Smart, E. G.....	do.....	142.00	247.29
Smart, H. F.....	do.....	90.00	58.35
Stapp, J. J., jr.....	do.....	8.00	27.35
Steele, M. B.....	do.....	186.00	75.75
Weber, John H.....	do.....	170.00	292.15
Wrinkle, Ellery.....	do.....	172.00	169.15
Zeiler, John Lewis.....	do.....	180.00	224.40
Williams, J. S.....	Agent in tick eradication, at \$4.75 per diem.....	802.75	.....
Pettibone, A. H.....	Agent in tick eradication, at \$1,500.....	875.00	203.68
Mize, T. W.....	Agent in tick eradication, at \$4 per diem.....	64.00	.....
Underwood, H. B.....	Agent in tick eradication, at \$4 per diem and \$840; horse hire, \$82.....	341.33	.....
Connell, R. M.....	Agent in tick eradication, at \$1,200; horse hire, \$253.75.....	930.42	434.26
Gibson, Charles H.....	Agent in tick eradication, at \$1,000; horse hire, \$360.....	943.33	200.30
Lane, Givens.....	Agent in tick eradication, at \$1,000; horse hire, \$420.....	1,003.33	263.77
Merritt, Joseph G.....	do.....	1,003.33	104.15
Quillian, Chas. M.....	Agent in tick eradication, at \$1,000.....	63.89	368.07
Duffy, R. F.....	Agent in tick eradication, at \$900.....	32.00	26.50
Andrews, Edward B.....	Agent in tick eradication, at \$840; horse hire, \$210.....	455.00	230.27
Baker, J. E.....	Agent in tick eradication, at \$840; horse hire, \$203.....	676.67	.....
Carter, B. D.....	Agent in tick eradication, at \$840; horse hire, \$113.....	376.67	.....
Denman, Wm. A.....	Agent in tick eradication, at \$840 and \$1,000; horse hire, \$600.....	1,326.66	225.13
McCampbell, C. W.....	Agent in tick eradication, at \$840 and \$1,000.....	239.56	326.50
McClain, Wm. A.....	Agent in tick eradication, at \$840; horse hire, \$203.....	676.67	.....
Moore, H. W.....	do.....	676.67	.....
Moore, M. D.....	Agent in tick eradication, at \$840; horse hire, \$23.....	76.67	.....
Oglesby, W. B.....	Agent in tick eradication, at \$840.....	469.00	997.34
Rodgers, J. B.....	Agent in tick eradication, at \$840; horse hire, \$203.....	676.67	.....
Smallmon, D. M.....	Agent in tick eradication, at \$840; horse hire, \$30.....	520.00	259.99
Sparkman, I. L.....	do.....	520.00	300.55
Turlington, J. E.....	Agent in tick eradication, at \$840.....	65.34	511.35
Williams, J. F.....	Agent in tick eradication, at \$840; horse hire, \$23.....	76.67	.....
Shepherd, Lorene.....	Office assistant, at \$0.15 per hour.....	20.18	.....
Hodges, David R.....	Clerk, at \$1,200.....	143.33	.....
Morrissey, Leo W.....	do.....	1,200.00	46.45
Redmond, Thomas.....	do.....	1,200.00	84.39
Harris, A. E.....	Clerk, at \$1,000.....	166.67	106.17
Hartwell, Chas. K.....	do.....	250.00	.....
Herbert, Clay M.....	do.....	1,000.00	20.90
Sherwood, Everett C.....	do.....	1,000.00	60.53
Moore, Harrison A.....	Clerk, at \$900.....	62.50	.....
Stewart, Charles M.....	do.....	202.50	.....
Cooper, Wm. L.....	Clerk, at \$840.....	165.67	27.00
Munger, Grant B.....	do.....	385.00	.....
Rush, Clifford A.....	do.....	280.00	.....
Cole, E. J. A.....	Clerk, stenographer, and typewriter, at \$900.....	900.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Norris, Walter P.	Clerk, stenographer, and typewriter, at \$900	\$247.50	.....
Ulmann, Oscar	do	17.50	.....
Brown, Arthur O.	Clerk, stenographer, and typewriter, at \$840 and \$960.	895.00	.....
Howell, Charles W.	Clerk and typewriter, at \$840.	161.00	\$15.60
Newberry, George W.	Clerk and typewriter, at \$840 and \$1,000.	765.01	16.55
Long, W. C.	Groom, at \$4 per diem.	52.00	52.60
Davis, Brooke J.	Laboratory helper, at \$540.	540.00	88.11
Timberlake, T. O.	do	540.00	89.51
Parmer, Vadue.	Laboratory assistant, at \$0.15 per hour.	14.78	.....
White, C. L.	do	6.38	.....
Williams, F. L.	do	23.10	.....
Davis, Tobias A.	Skilled laborer, at \$840.	840.00	3.64
Baillie, George.	Laborer, at \$4 per diem.	60.00	.....
Barnette, Richard.	do	164.00	.....
Boice, Fred.	do	108.00	.....
Dolan, John P.	do	156.00	.....
George, Charles H.	do	100.00	.....
Partridge, C. E.	do	8.00	.....
Pflegeing, Wm. H.	Laborer, at \$4 per diem, and agent in scabies eradication, at \$720.	240.00	203.90
Schroebel, Edward H.	Laborer, at \$4 per diem.	80.00	.....
Schroeder, Wm. C.	do	88.00	.....
Shipley, Wm. B.	do	84.00	.....
Sommer, David F.	do	88.00	.....
Stanley, George R.	do	152.00	.....
Stuckey, Geo.	do	44.00	.....
Williams, Harry.	do	52.00	.....
Biehl, John.	Laborer, at \$2 per diem.	10.00	.....
Copeland, James.	Laborer, at \$720; horse hire, \$180.	900.00	.....
Hambleton, G. H.	Laborer, at \$2 per diem.	372.00	.....
Mongin, X.	Laborer, at \$1.75 per diem.	89.25	.....
Noval, D.	do	66.94	.....
Ruble, Earl G.	do	25.37	.....
Tuthill, H.	Laborer, at \$50 per month.	600.00	.....
Kolbe, D. W.	Laborer, at \$37 per month.	439.07	.....
Bingemann, A. F.	Unskilled laborer, at \$2 per diem.	124.00	.....
Total		453,036.79	.....

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
American Lead Pencil Co.	\$20.58	Manly Office Supply Co.	\$0.80
American Office Specialty Co. (Incorporated).	3.50	Morrison Paper Co., E.	94.47
Andrews Paper Co., R. P.	181.77	Newman, E. S.	10.00
Automatic Pencil Sharpener Co. (Incorporated).	5.50	Parker, D. Frank.	296.61
Baker Ink Co.	11.25	Purnell, W. T.	6.07
Baillentyne, R. Carter.	153.93	Schmidt, Fred A.	134.30
Brentano's.	4.00	Schooley Stationery Co.	7.51
Contingent expenses, Department of Agriculture.	57.97	Stockett-Fiske Co.	5.52
Cornell Cooperative Society.	1.70	Stott & Co., Chas. G.	13.95
Faber, Eberhard.	17.13	Stott Stationery Co.	1.04
Index Bureau.	1.60	Swayze, W. L.	960.35
Lamb & Tilden.	94.75	Typewriter and Office Supply Co.	12.93
Library Bureau.	701.14	United States Envelope Co.	1,079.45
Lindemeyer, Philip.	23.00	United States Paper Goods Co.	46.27
		Yawman & Erbe Mfg. Co.	110.30
		Total	4,057.39

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Aberdeen Weekly News.....	\$1.05	Constitution Publishing Co.....	\$2.00
Adler, M. J.....	12.06	Copeland Co., M. G.....	122.73
Age-Herald Publishing Co.....	5.32	Cornell Incubator Manufacturing Co..	68.00
Albert Lea Dairy Association.....	1,553.58	Cornwell & Son, G. G.....	9.00
Albert Lea Light and Power Co.....	57.43	Creamery Package Manufacturing Co..	680.89
Allen, Jay H.....	125.00	Curtis, C. F.....	45.00
American Can Co.....	9.95	Cyphers Incubator Co.....	26.33
American Linen Supply Co.....	12.00	Dallas Morning News.....	26.40
American Multigraph Sales Co.....	303.86	Dallett Co., Thos. H.....	19.75
American Wood Working Machine Co.	150.00	Dana, C. H.....	1.00
Ames, Bayard T.....	4.35	Darr, Henry.....	5.00
Amesbury, H.....	49.50	Davison, G. Howard.....	3.00
Anderson Bros.....	180.92	Dennison Manufacturing Co.....	3.25
Argus Leader Co.....	1.90	Denver Record-Stockman.....	11.60
Arizona Republican.....	2.50	Die Hutterische Gemeinde.....	720.00
Arkansas Gazette.....	13.60	Doremus & Snyder.....	32.22
Armour & Co.....	51.40	Dulin & Martin Co.....	32.83
Atlanta Constitution.....	11.40	Dunham Co. (Incorporated), C. A.....	49.07
Automatic Adding Machine Co.....	30.00	Dunnery, James.....	36.00
Bailey, Mabel.....	174.17	Du Perow, M.....	599.00
Ballantyne & Sons, Wm.....	35.50	Dyer, W. H.....	39.00
Ballanger, J. M.....	18.45	Edmonston, Chas. R.....	86.57
Banks, G. W.....	25.00	Eggleston, J. O.....	27.00
Barber Creamery Supply Co., A. H.....	112.50	Eisinger Bros.....	164.37
Barber, Geo. F.....	9.00	Ellett, Edwin E.....	450.00
Barber & Ross.....	433.87	Ergood Co., The J. C.....	15.75
Barnes-Crosby Co.....	6.25	Espey, J. B.....	86.90
Barton, A. R.....	13.25	Estes, Clarence.....	17.50
Bateman, J. W.....	33.00	Evans, Frank.....	47.50
Bayne, Thomas.....	20.00	Fairbanks Company.....	2.50
Becker, C.....	20.00	Fargo Forum and Republican.....	2.00
Becker & Co., Chas.....	43.28	Farrow Arms Co.....	10.25
Beggs & Co., Jas.....	7.50	Fireman, Peter.....	6.25
Belmont Dairy Co. (Incorporated).....	54.60	Fitzgerald, Morris.....	12.75
Bernasco, J.....	124.50	Flaccus Glass Co., C. L.....	7.48
Bickford, W. F.....	183.88	Florham Farms.....	55.27
Biddell & Bogart Painter's Supply Co.	84.58	Forker & Co., C. A.....	11.70
Bingemann, Arthur.....	40.80	Forum Printing Co.....	1.60
Biesecker, J. S.....	4.70	Fowler, Frank.....	1,592.60
Birch Lumber Co., S. M.....	16.32	Frazee-Potomac Laundry Co.....	121.57
Bird & Son, F. W.....	20.50	Fries, Beall & Sharpe Co.....	58.00
Bismarck Tribune.....	2.42	Fritch & Son, Geo. T.....	26.25
Bloomer Bros. Co.....	6.00	Gallihier & Bro. (Incorporated), W. T.....	463.87
Boise Daily Statesman.....	2.00	Gaylord Bros.....	7.75
Bolgiano & Co., F. W.....	446.33	Geiger & Bush.....	8.75
Boone, W. de S.....	88.28	Geissler Plumbing and Heating Co.....	177.69
Bowman, James.....	2.25	General Electric Co.....	31.50
Brakebill, M. L.....	15.13	Goldenberg, M.....	.60
Brennan, Edward.....	1.00	Goodman Hardware Co.....	9.50
Brentano's.....	2.60	Gordon, John H.....	26.48
Britt, John.....	40.00	Graham, Geo.....	193.50
Browning & Middleton (Incorporated).....	10.65	Graham, Geo. H.....	95.00
Brundin Bros.....	6.00	Great Bear Spring Co.....	1.00
Burgdorf, Ernest.....	6.00	Great Falls Leader.....	5.20
Cahoon, Leon L.....	12.96	Green & Pierson.....	37.46
Campbell, J. E.....	60.00	Griffith, R. A.....	16.00
Capital Furniture Manufacturing Co.....	27.50	Groff, D. F.....	30.24
Capital Traction Co.....	50.00	Grove, Walter.....	25.00
Carlson Brothers.....	4.75	Grove W. S.....	90.50
Carlyle, W. L.....	2.00	Gulbrandson Hardware Co.....	3.20
Carpenter, Frank.....	176.00	Gunder, F. E.....	61.75
Cashell, L. C.....	12.00	Hambleton, G. H.....	167.00
Catlin Co., E. H.....	2.65	Hammond, T. W. Co.....	3.25
Chapin Cheese Factory.....	48.97	Harding, F. W.....	5.25
Chaplin, H. A.....	48.97	Harmon, Emory H.....	7.00
Charlotte Daily Observer.....	11.84	Hartig, Louis.....	13.25
Cheyenne (Wyo.) Tribune.....	7.76	Harvey, Chas. D.....	3.65
Chicago Case Manufacturing Co.....	8.00	Hauptner, H.....	8.13
Church & Stephenson.....	6,104.35	Hayward, Milton P.....	11.20
Clark, T. Edw.....	11.50	Hazleton, E. P.....	14.15
Clark Co., R. P.....	3.90	Heiskell & Co., P. H., jr.....	79.07
Coe, Seymour.....	44.00	Helena Daily Independent.....	4.30
Cole, Clarence G.....	2.00	Helfrich & Son, Geo.....	12.29
Collins Manufacturing Co., A. M.....	46.28	Hickman & White.....	20.70
Columbia Pump and Well Co.....	30.90	Hickox, Geo. S.....	70.00
Columbia State.....	15.50	Himpfner, M.....	4.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hoge & McDowell Co. (Incorporated).	\$19,471.60	Model Incubator Co.	\$27.90
Holcomb Manufacturing Co., J. I.	12.60	Monarch Typewriter Co.	2.15
Holtzer-Cabot Electric Co.	85.04	Moore Company	5.00
Home Ice Co.	415.08	Moore, V. A.	3.60
Hopfenauer, Lewis.	2.00	Morris, L. R.	9.75
Hougaard, Albert.	52.00	Moyer, H. A.	36.50
Howard, Geo. E.	150.00	Muddiman & Co., C. A.	1.75
Hubinger, Chas.	144.66	Mueller Manufacturing Co., H.	192.53
Hunter Dust-Killing Floor Oil Co. (Incorporated), C. T.	.60	Munn, Fred.	107.06
Huntton, S. W.	10.40	Munden, E.	99.00
Hurley, J. E.	8.45	Murphy Co. (Incorporated), E. J.	163.62
Hutchinson, Wm. Seely.	215.68	Murray, Allen.	25.00
Hygienic Soap Granulator Co.	6.00	Murray Bros.	496.00
Idaho Daily Statesman.	2.60	Muskogee New State Tribune.	4.85
Jackman, B.	3.00	Muskogee Times-Democrat.	2.08
Jackson Clarion-Ledger.	14.10	Muth & Co., Geo. F.	50.34
Jacksonville Metropolis.	12.08	Nashville Banner.	3.99
Jacobs, W. K.	2.00	National Dairy Show Association.	27.77
Jensen Manufacturing Co., The.	546.81	National Electrical Supply Co.	166.90
Johnson, Albert L.	2.00	National Mortar Co.	305.00
Johnson, Chas.	22.00	Nawrath, J. P.	18.15
Johnson, Oscar.	193.00	Nelson & Son, P. A.	22.24
Maurice Joyce Engraving Co., The.	2.50	Nelson Refrigerator Co.	97.50
Keasbey & Mattison Co.	14.36	New Orleans Picayune.	19.05
Kelser, Lewis.	445.00	New State Tribune Co.	4.85
Kellogg Switchboard and Supply Co.	35.58	Nicholson & Son, Jas. A.	4.20
Kendall, J. B.	5.59	Niles, N. L.	93.30
Killian Co., Geo. P.	.43	Northern Creamery Supply House.	427.20
Kirkpatrick, G. B.	13.80	Norwood & Berdan.	9.46
Klein, Henry.	25.00	O'Brien & Bros. Co., R. J.	41.60
Knatvold, E. W.	73.93	O'Donnell, James.	17.00
Knight & Co., Thos. A.	3.00	Offertinger, Henry T.	7.50
Koernicke, Annie I.	.66	Offutt, G. W.	2.00
Kooser, S. S.	30.00	Ogle, J. W.	13.50
Kruse, Samuel A.	26.75	Oklahoma City Oklahoman.	6.12
Lamberg Co., S. L.	30.60	Oklahoma State Capital.	5.30
Lambie Co. (Incorporated), J. B.	505.89	Oliver Machinery Co.	53.10
Lansburgh & Bro.	480.33	Oliver Typewriter Co.	7.00
Larson, Anton.	3.20	Omaha Bee.	8.30
Lawson, W. M.	34.50	Orland, H.	20.00
Lefler, Grace.	10.00	Oyster, Geo. M., jr.	25.20
Lewis, L. R.	12.00	Paine, Howard S.	12.50
Library of Congress.	2.82	Palais Royal.	60.80
Lindsay Rubber Manufacturing Co., M.	47.45	Passaic Feed Co.	18.90
Little's Sons, E. N.	3.00	Payne, G. C.	78.50
Livingston, Gene.	25.00	Peerless Electric Co.	42.00
Lochte, L. Leroy.	167.32	People's Warehouse.	12.25
Los Angeles Times.	16.10	Peterson Hardware Co.	114.68
Lowdermilk & Co., W. H.	17.25	Petter & Co., W. J.	1.50
Lowe Electric Co.	13.92	Philadelphia Sheep Co.	49.00
Lubarsky & Co.	100.00	Phoenix (Ariz.) Republican.	1.90
Lutz & Co.	11.00	Plummer, G. A.	369.00
McCoy, Art.	60.00	Portland Morning Oregonian.	5.88
McCubbin Co., C. J.	97.89	Post, John.	87.45
McCullough, Edna.	20.04	Post-Office Department.	3.20
McDonald, A. W.	75.00	Potomac Electric Power Co.	10.00
McDowell, Charles B.	250.00	Powers, Jno. B.	400.00
McKee, Wm. H.	2.00	Prairie State Incubator Co.	21.00
Malone, Geo. A.	.75	Probey Carriage Co.	194.00
Manning, M. A.	45.00	Putnam, Wm. C.	2.50
Maryland Agricultural Experiment Station.	300.00	Pyle, A. C.	38.25
Maryland Hospital for the Insane.	105.00	Randall, Merle.	20.00
Mason, R. H.	4.50	Randolph Paper Box Co.	33.08
Mason's Laundry Co.	4.00	Ransom, Fannie.	2.50
Matson, Jas.	8.70	Rau, John C.	1.10
Maxwell, G. H.	61.75	Record-Stockman Publishing Co.	7.80
May Hardware Co., F. P.	.75	Reid Creamery & Dairy Supply Co., A. H.	4.12
Mayfield & Brown.	14.63	Reilly, Hugh.	95.52
Memphis Commercial-Appeal.	9.00	Reinhold & Meyer Manufacturing Co.	10.79
Mesler, August.	19.00	Remington Typewriter Co.	92.85
Middaugh, Ray E.	25.00	Reynolds & Luce.	14.50
Mills & Co., H. W.	6.10	Richmond News Leader.	4.02
Mineralized Rubber Co.	2.50	Roswell Register-Tribune.	7.02
Minnix Co. (Incorporated), N. M.	16.75	Rowland, John B.	81.00
Mitchell Co., The M. C.	42.50	Rudolph & West Co.	1,042.96
		Ryan, Jas.	324.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
St. John & Son, Alex.	\$23.95	Wegst, John	\$28.50
St. Paul Union Stock Yards Co.	7.50	Weiss, A. P.	16.80
Salt Lake Tent and Awning Co.	2.50	West Disinfecting Co.	8.75
Salt Lake Tribune Publishing Co.	4.51	Western Electric Co.	3.90
Sanitary Can Co.	410.91	White, Fred J.	13.20
Saunders, Chas. W.	31.00	Wiegand, Martin	24.75
Schafer & Co., E. G.	13.40	Wilcox & Harvey Manufacturing Co.	1.03
Schermerhorn, C. S.	66.43	Wilkins-Sheely Printing Co.	4.00
Schmid, Edw. S.	20.75	Wilson, Robert	93.33
Schmidt, J. R.	3.50	Winchester, Vera A.	4.00
Schneider's Sons, C.	10.00	Winters, Chas.	25.00
Schreiber & Sons	2.50	Wirt & Co., Charles	42.75
Schuler & Son, M.	77.35	Wisconsin Agricultural Experiment Station	1,016.13
Seamark, Harry F.	59.15	Woodman, Joel H.	12.27
Seattle Times	1.00	Woodward & Lothrop	195.51
Sharp Manufacturing Co.	15.75	Woolf & Co., C. M.	7.50
Shaw, J. C.	1.40	Yingst, W. H.	2.00
Shea, F. P.	50.00	Zichtl & Co., A.	6.00
Shea, Michael	67.00	Zurcher, Chas.	13.50
Shepard, Norton H.	4.95		
Sherratt's Art Store	12.15	Total	59,796.30
Shore, Charles	13.10		
Simplex Electric Heating Co.	11.50	<i>Furniture.</i>	
Sims, J. D.	20.00	American Multigraph Sales Co.	25.00
Sioux Falls Argus-Leader	1.95	Bedell Manufacturing Co.	11.95
Skinner, Robert P.	4,454.81	Bower, Wm. H.	43.00
Smith, Cecil	27.83	Burnap Stationery and Printing Co., F. P.	49.00
Smith Premier Typewriter Co.	9.00	Eakle, O. M.	55.00
Smith, Thos. W.	12.00	Finn Bros.	49.50
Snigo Manufacturing Co. (Incorporated)	26.55	Hoeke, W. H.	323.20
Saley Company, C. R.	19.20	Johnston Co.	48.00
Somerville Co., Thos.	1,299.42	Keith Furniture & Carpet Co., Robt.	66.50
Southern Poultry Supply Co.	15.66	Kistler Stationery Co., W. H.	33.00
Southern Printers' Supply Co.	665.11	Knatvold, B. H.	87.50
Spalding & Bro., A. G.	12.00	Lansburgh Furniture & Carpet Co., J.	256.81
Spokane Spokesman-Review	2.20	Library Bureau	958.45
Springfield (Mo.) Republican	3.36	Lincoln, Fred S.	.62
Standard Oil Co.	72.87	Morris, L. M.	43.90
Stechert & Co., G. E.	78.14	Moses & Sons, W. B.	1,361.52
Stockmen's Supply House	1.60	Nelson, Henry J.	10.00
Stults, W. H.	33.00	Remington Typewriter Co.	11.88
Summy & Miller	25.00	Underwood Typewriter Co.	42.70
Sweet, Orr & Co.	9.56	United States Metal Bed Co.	5.48
Tapager & Hansen	97.42	University Cooperative Store	25.42
Taylor, Wm. D.	75.00	Woodward & Lothrop	422.14
Texas Co., The	213.72	Yawman & Erbe Mfg. Co.	531.50
Thacher & Ireland	4.25		
Thompson, C. W.	79.18	Total	4,462.07
Thompson, J. S.	13.50		
Thompson Steam Laundry	13.49	<i>Fuel.</i>	
Thompson & Wulff	6.60	Allegheny Company	1,337.09
Tillotson, L.	33.00	Thacher & Ireland	7.50
Tin Shop Co.	6.35		
Toomey & Sons, J. H.	43.88	Total	1,344.59
Topeka Capital	4.50		
Topham, James S.	22.95	<i>Freight.</i>	
Tranquillity Farm	3.00	Atchison, Topeka & Santa Fe Ry. Co.	1.86
Treman, King & Co.	1.50	Baltimore & Ohio R. R. Co.	55.18
Typewriter & Office Supply Co.	28.20	Blue Line Transfer Co.	3.70
Underwood Typewriter Co.	174.00	Chicago, Milwaukee & St. Paul R. R.	1.33
Union Building & Construction Co.	7.60	Chicago & Northwestern Ry. Co.	20.63
United Incubator & Poultry Supply Manufacturing Co.	5.00	Knox Express Co., Geo. W.	66.90
University of Wisconsin	83.87	Littlefield, Alvord & Co.	66.00
University of Wyoming	14.62	Norfolk & Washington (D. C.) Steamboat Co.	9.91
Van Houten & Son, A. B.	101.23	Patterson, Jas.	.50
Van Winkle Co., J. A.	8.90	Pennsylvania R. R. Co.	11.88
Voigt, Edward	47.60	Roosa, I. P.	36.32
Walford, D. N.	22.40	Southern Railway Co.	4.80
Wall Paint Co.	15.48	Thompson & Wulff	23.50
Washington Herald Co.	6.00		
Washington Post Co.	7.20	Total	302.51
Washington Star Newspaper Co.	7.65		
Watson, H. R.	2.25		
Watson, Jas.	360.00		
Weber Bros. Metal Works	3.50		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Express.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Adams Express Co. ....	\$585.72	Alberene Stone Co. ....	\$4,253.40
United States Express Co. ....	252.04	Alexander & Co. (Incorporated), H. M. ....	2.50
Total. ....	837.76	American Distributing Co. ....	81.42
<i>Telegraph.</i>		Baker, Reid S. ....	56.50
Postal Telegraph Cable Co. ....	122.13	Baker & Adairson Chemical Co. ....	82.95
Western Union Telegraph Co. ....	277.98	Barlow & Spicer. ....	7.15
Total. ....	400.11	Barrett Manufacturing Co. ....	60.00
<i>Telephone.</i>		Bausch & Lomb Optical Co. ....	1,500.03
Amarillo Telephone Exchange. ....	12.00	Boehm, W. J. ....	123.00
Boone County Telephone Co. ....	12.00	Bosworth, L. M. ....	20.70
Central New York Telegraph and Telephone Co. ....	18.00	Bramhall, Dean Co. ....	75.00
Chesapeake and Potomac Telephone Co. ....	320.18	Burrell & Co., D. H. ....	53.91
Colorado Telephone Co. ....	78.64	Champion Milk Cooler Co. ....	5.20
Kansas City Home Telephone Co. ....	18.35	Columbia Photograph Supply Co. ....	14.88
New York Telephone Co. ....	49.10	Croselmire & Ackor. ....	4.36
New York and New Jersey Telephone Co. ....	122.30	De Laval Separator Co. ....	102.00
Pacific Telegraph and Telephone Co. ....	16.20	Dorflinger & Sons (Incorporated), C. ....	48.25
Passumpsic Telephone Co. ....	21.00	Dougherty, James T. ....	194.10
Southwestern Telegraph and Telephone Co. ....	36.00	Draper Manufacturing Co. ....	30.77
Texas and Pacific Telephone Co. ....	18.00	Eastman Kodak Co. ....	1.40
Tri-State Telephone and Telegraph Co. ....	16.66	Eiener & Amend. ....	204.30
Utah Independent Telephone Co. ....	72.00	Franklin & Co. ....	4.05
Vermont People's Telephone Co. ....	12.00	Frieze, Julien P. ....	337.00
Total. ....	822.43	Fritzsch Bros. ....	47.25
<i>Rent.</i>		Gilman, Z. D. ....	1,053.23
Auerbach & Bro., F. ....	270.00	Green, Henry J. ....	61.00
Baker, Isaac P. ....	300.00	International Instrument Co. ....	15.27
Booth & Co., A. ....	360.00	Kny-Scheerer Co. ....	5.26
Brown, Walter A. ....	120.00	Leitz, Ernest. ....	39.15
Candler Investment Co. ....	270.00	McKee & Co., A. J. ....	1.65
Chanslor, R. L. ....	165.00	Mackall Bros. ....	1,112.53
Cully, D. F. ....	300.00	Mathy Co. ....	43.50
Ellis, C. F. ....	42.00	National Anilin and Chemical Co. ....	46.67
Fifteenth St. Investment Co. ....	360.00	Pennock, Edward. ....	7.15
Frazier, estate of W. S. ....	72.00	Post & Friedrich Drug Co. ....	26.50
Harvey, Chas. D. ....	132.00	Pullman, E. J. ....	321.79
Harwood, H. J. ....	250.00	Sargent & Co., E. H. ....	6.85
Hill, L. B. & D. B. ....	300.00	Sheetz, W. Silas. ....	11.00
Johnson & Son, J. Harrison. ....	1,800.00	Star Milk Cooler Co. ....	42.75
Kansas City Stock Yards Co. of Missouri. ....	192.00	Starz, Emil. ....	56.00
Knatvold, E. W., & Barlow, F. W. ....	360.00	Taylor Bros. Co. ....	42.45
New York Mercantile Exchange. ....	250.00	Thomas Co., A. H. ....	503.06
Ochsner, John. ....	64.00	Torsion Balance Co. ....	15.00
Piatt & Heath Co. ....	91.90	Wagner Glass Works. ....	47.95
Real Estate and Improvement Co. ....	225.00	Whitall, Tatum Co. ....	110.07
Rice, Hugh B. ....	62.50	Williams, Brown & Earle. ....	5.00
Richardson, T. M. ....	190.50	Zeiss, Carl. ....	12.08
Smith & Crawford. ....	312.00	Total. ....	10,896.03
Terrell, Henry. ....	87.50	<i>Travel and station and field expenses.</i>	
Willis, Edward M. ....	750.00	Adams, Ethan. ....	352.74
Wilson, D. E. ....	336.00	Adams, E. L. ....	477.85
Wilson, Elizabeth J. ....	360.00	Adams, John D. ....	635.15
Total. ....	8,022.40	Allen, Ed. R. ....	317.75
<i>Gas and electricity.</i>		Allen, L. J. ....	114.20
Albert Lea Light and Power Co. ....	9.71	Allen, F. T. ....	213.45
Bureau of Engraving and Printing. ....	1,559.25	Allen, R. M. ....	384.37
Potomac Electric Power Co. ....	1,564.68	Alyea, W. C. ....	397.51
Washington Gaslight Co. ....	402.10	Anders, Thomas O. ....	97.45
Total. ....	3,535.74	Anderson, Fred N. ....	1.75
		Anderson, M. O. ....	2.96
		Anderson, Wm. C. ....	189.45
		Andrews, E. B. ....	96.92
		Anglicker, Jacob. ....	89.80
		Archer, R. J. ....	414.05
		Asher, Henry E. ....	180.10
		Atherton, I. K. ....	26.95
		Aufente, Jno. R. ....	7.10
		Ayers, S. H. ....	90.85
		Barnard, Wiat R. ....	279.68
		Barnes, S. E. ....	1,305.47
		Barnhart, E. P. ....	317.25
		Barr, Irwin E. ....	295.55
		Barth, W. C. ....	807.09

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Bascom, Dorus C.....	\$118.72	Connell, R. M.....	\$223.46
Batchelder, Howard M.....	432.86	Conover, J. A.....	612.83
Beattie, J. G.....	19.50	Corbett, Chas. M.....	672.45
Beaumont, Edward V.....	7.65	Cooper, Wm. L.....	27.00
Beck, M.....	302.60	Corbin, E. A.....	401.95
Behler, Clayton R.....	736.10	Corlis, W. S.....	121.03
Bell, G. Arthur.....	406.43	Cosford, S. E.....	591.72
Bennett, S. E.....	154.75	Cotton, W. E.....	158.60
Bentley, Chas. A.....	530.48	Courtright, Wm. W.....	488.64
Berg, Wm. N.....	79.65	Covington, Percy C.....	681.25
Bertram, E. L.....	3.30	Cowie, Charles.....	139.75
Bertrand, Chas.....	163.45	Cracroft, T. Byron.....	245.95
Bibb, A. G.....	122.88	Crandall, W. W.....	72.60
Bidegaray, Domingo.....	187.90	Credicott, H. J.....	500.04
Biggs, Anson W.....	20.55	Creech, G. T.....	269.80
Bird, W. N. D.....	4.22	Cunningham, Michael F.....	81.59
Blackmar, C. E.....	42.65	Curtice, Cooper.....	495.82
Blackwell, A. M.....	187.70	Custer, William A.....	30.40
Blanche, Richard J.....	287.67	Curry, Hugh E.....	150.10
Blickhahn, George.....	315.71	Dade, J. S.....	590.15
Bolton, B. M.....	90.31	Davidson, Carl.....	185.03
Bontranger, C. F.....	319.40	Davidson, Wm. A.....	218.05
Bracken, Wm. J.....	152.42	Davies, L. R.....	19.84
Bray, Thos. A.....	671.64	Davis, Benj. F.....	373.45
Brewer, Frank W.....	507.69	Davis, Brook J.....	88.11
Brimhall, S. D.....	324.11	Davis, Tobias A.....	3.64
Broadhurst, R. A.....	781.75	Davis, W. L.....	430.70
Brown, Chas. A.....	403.29	Davison, E. T.....	807.60
Brown, Chas. W.....	345.16	Day, L. Enos.....	158.80
Brown, G. H.....	443.51	Dean, Albert.....	286.80
Bryant, Scott S.....	18.57	De Laney, John V.....	444.07
Buffington, Ralph M.....	182.46	Deming, C. W.....	37.80
Bundy, Edward A.....	90.20	Denman, Wm. A.....	167.74
Burch, D. S.....	28.50	De Serpa, J. A.....	245.58
Burch, S. Royden.....	574.90	Dexter, Wm. Hart.....	351.40
Burgett, John L.....	267.51	Dickey, Lewis.....	68.54
Burkholder, C. E.....	424.85	Dill, Bennie G.....	132.35
Burley, A. J.....	4.27	Dill, Robt. G.....	628.90
Burson, W. M.....	9.55	Dinsmore, J. B.....	36.10
Burt, S. W.....	2.70	Doane, C. F.....	498.41
Busman, H.....	18.00	Dodson, G. J.....	572.10
Butcher, Jas. C.....	148.14	Dolan, F. F.....	122.32
Butin, Geo. E.....	111.61	Donaldson, Geo. T.....	55.29
Butler, W. J.....	966.88	Donnelly, Edgar W.....	65.30
Butterfield, A. J.....	153.80	Dorman, J. E.....	1,040.20
Cady, Bert J.....	1,261.65	Dorset, M.....	250.72
Cain, Alonzo C.....	30.75	Dougherty, Alvin.....	229.00
Caldwell, Harry.....	615.73	Douglas, G. H.....	319.40
Caldwell, W. A.....	124.48	Douglas, Hopson O.....	282.95
Campbell, H. C.....	12.00	Dox, A. W.....	139.67
Campbell, L. S.....	437.19	Drake, Roy N.....	674.75
Canfield, C. H.....	112.85	Duffy, R. F.....	26.50
Cannon, Earl C.....	6.86	Dumbauld, Harry.....	198.92
Carter, Clifton.....	73.05	Dunaway, Whig F.....	413.49
Cary, Emerson J.....	1,107.55	Dunn, Platt.....	373.90
Casey, Chas. M.....	3.72	Durfee, Clarence O.....	9.14
Casper, G. T.....	625.52	Durham, Leon.....	156.12
Cater, Fred. C.....	518.57	Dye, Wm. C.....	190.40
Cave, R. A.....	795.06	Dyer, Jesse A.....	76.46
Chambers, Leroy M.....	220.30	Eagle, A. F.....	127.80
Chaney, H. B.....	72.40	Eagle, Richard F.....	3.45
Chase, Jesse M.....	3.57	Eastman, Charles.....	93.00
Chugg, Ezra A.....	198.00	Eaton J. T.....	703.34
Clancy, J. B.....	20.91	Eddingfield, A. A.....	245.95
Clarke, Lowell.....	923.70	Eichhorn, Adolph.....	31.07
Clawson, Clarence A.....	493.86	Ellenberger, W. P.....	8.55
Clay, L. G.....	180.41	Ellett, Lucius G.....	191.88
Cockerton, E. B.....	279.26	Ellis, C. R.....	286.30
Cohenour, H. H.....	802.85	Ellis, Walter J.....	677.65
Coffy, Joseph P.....	413.94	Elwell, Fred N.....	754.75
Cole, Guy T.....	120.24	Emonts, Joseph.....	78.90
Coleman, Arthur T.....	339.49	Erwin, Clarence.....	13.55
Collins, A. G.....	76.35	Ettling, Christian.....	338.12
Collins, G. C.....	404.45	Evans, Fred.....	159.34
Compton, Carson.....	140.50	Everly, O. W.....	.36
Conard, John A.....	133.60	Ewers, Smith V.....	461.23

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Exline, James C.	\$931.32	Hickox, Claude	\$470.15
Farr, Ernest	164.33	Hickox, Geo. S.	1,125.35
Fauks, C. H.	362.75	Hicks, H. H.	1,937.10
Fay, Hugh	526.71	Hoberg, John	10.74
Fegan, H. J.	198.89	Holbrook, Justin B.	199.45
Feley, A. E.	126.19	Holcombe, A. A.	112.43
Ferrier, Chas. M.	211.19	Holland, C. C.	519.95
Fish, J. G.	799.39	Hougendobler, J. J.	768.61
Fish, R. J.	73.75	Howe, W. E.	441.07
Fish, Wesley F.	1,060.25	Howell, Chas. W.	15.60
Fladness, S. O.	732.50	Hoyman, Harry J.	211.35
Flaherty, Geo. F.	307.05	Hulbush, Chas.	425.83
Fleming, Wm. R.	527.62	Hunter, Wm. R.	12.79
Flocken, Chas. F.	93.52	Hurst, Wilbur H.	672.45
Forrest, A. C.	37.51	Hutchinson, E. N.	1,186.08
Foster, Frank L.	4.99	Hutsell, Tice	113.06
Foster, J. P.	217.23	Hyatt, Bradford A.	1.27
Foster, Samuel L.	18.35	Hyde, Andrew	25.58
Fravel, F. R.	73.45	Imes, Marion	832.76
Frederick, H. J.	23.81	Irwin, A. N.	3.60
Freeman, Carl E.	743.70	Issajeff, Theo. W.	213.15
French, Jesse E.	131.73	Ivers, Robert	279.12
Fretz, W. J.	57.85	Jackson, R. E.	292.45
Frevort, G. E.	33.48	Jackson, Robt. E. L.	424.19
Fry, William A.	307.31	James, I. L.	524.10
Fryhofer, C. W.	363.03	Johnson, F. E.	593.90
Gallagher, B. A.	870.66	Johnson, G. A.	32.11
Gallagher, F. L.	761.35	Johnson, Levi E.	843.65
Gallagher, J. J.	1,051.65	Johnson, Raymond	607.08
Galt, Sid.	428.60	Johnson, Western I.	737.75
Gates, Otis H.	37.10	Johnson, Wm. T., jr.	40.39
Geddes, Toogie A.	925.42	Jones, Chas. I.	27.25
George, H. H.	2.86	Jones, John S.	251.30
Gibson, Chas. H.	80.70	Jones, Louis L.	84.79
Gilbert, Louis C.	593.11	Jones, Robt. W.	351.39
Gilmore, Elias	3.25	Jones, Thos. B.	88.50
Gillett, Stephen D.	17.80	Jones, Wm. F.	694.49
Ginn, J. H.	236.37	Jordan, William D.	331.65
Giraldo, A.	160.30	Joslin, J. C.	361.58
Glaisyer, E. L.	622.70	Jung, Otto E.	254.15
Glaisyer, Wallace V.	214.13	Justin, Minor M.	154.05
Glenn, Harry H.	113.11	Kailer, Warren C.	374.17
Glynn, Frank J.	540.27	Kershner, Peter I.	401.39
Gmel, Chas.	96.70	Ketchum, F. D.	20.03
Gove, Arthur W.	4.96	Kiernan, J. A.	13.00
Graham, Ralph	625.34	Kinsey, O., jr.	133.50
Grau, J. A.	201.65	Knighton, Lynn	201.90
Gray, C. E.	539.61	Knowles, Virgil W.	281.30
Green, L. K.	5.43	Korb, Walter A.	549.43
Grimes, Robt. B.	265.83	Kramer, Welker F.	112.39
Gross, W. F.	1,273.70	Lackey, Sidney	161.64
Guthrie, J. C.	806.97	Lacy, Walter J.	276.73
Hamilton, Thos. B.	923.45	Lambert, G. M.	34.19
Hamilton, Wm.	492.20	Lamborn, Geo. E.	294.33
Hammack, L. C.	100.84	Lane, C. B.	993.50
Hammond, H. J.	497.15	Lane, Givens	78.05
Hanawalt, D. C.	364.87	Lang, A. R.	74.00
Hardy, Claude H.	386.35	Lang, M. W.	1,439.05
Harmon, A. A.	820.21	Lannan, Fred J.	39.32
Harper, Benjamin F.	188.35	Lash, Elmer	17.80
Harris, A. E.	74.77	Law, F. W.	212.90
Hart, George H.	37.83	Lawson, James M.	198.35
Hart, Harry M.	480.79	Lawton, R. G.	784.23
Hascall, M. T.	547.91	Lemery, A. A.	201.40
Haskett, Bert.	662.45	Lentz, E. S.	162.90
Hassall, Albert	27.35	Lincoln, W. B.	10.60
Hastings, M. M.	650.14	Lindsay, J. W.	15.15
Heacock, Clyde C.	839.35	Lipp, Geo. A.	563.42
Hearn, J. L.	437.30	Logan, A. H.	3.57
Heckart, H. L.	1,095.55	Logan, James	505.59
Henderson, E. P.	595.88	Long, W. C.	52.60
Henderson, L. C.	260.50	Lord, Wm. H.	63.65
Herbert, C. M.	20.90	Lowe, C. D.	208.95
Hess, O. B.	145.10	Lowe, John H.	703.05
Hiatt, William L.	259.44	Lowry, Thos. J.	887.10
Hickman, R. W.	201.03	Lyces, H. P.	837.77

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
McAdam, R.....	\$1,284.61	Odell, F. L.....	\$172.05
McBirney, John.....	110.00	Oglesby, W. B.....	512.17
McBroom, Ralph.....	587.36	Olbeter, Rudolph M.....	971.88
McCabe, B. D.....	127.25	Oldaker, E. E.....	757.80
McCabe, Geo. P.....	350.05	O'Leary, John P.....	10.76
McCall, Charles A.....	9.07	Olson, Olof J.....	249.94
McCampbell, C. W.....	326.50	O'Neil, E. R.....	649.72
McCarthy, Thos. A.....	830.47	Osborn, Wm. F.....	144.45
McCauley, R. A.....	104.50	Owen, Thomas M.....	552.79
McClain, J. H.....	568.47	Parker, Jos. W.....	417.92
McClure, E. R.....	300.30	Paul, Arthur.....	538.65
McClure, S. W.....	595.54	Paxton, I. B.....	668.70
McCollum, Peter L.....	2.77	Peabody, H. C.....	271.65
McCoy, Ellis E.....	487.55	Pearson, Charles.....	326.30
McCunningham, Dan.....	85.85	Peck, Edwin J.....	325.55
McDonald, H. L.....	652.39	Peck, Scott W.....	437.83
McFall, Jonathan.....	179.56	Pelsue, Owen E.....	428.17
McGinnis, R. W.....	817.00	Perkins, Chester R.....	11.84
McKay, W. G.....	28.62	Perry, F. M.....	51.85
McKoon, Horace C.....	132.80	Perry, James.....	254.20
McLeod, Edward J.....	6.82	Persells, H. V.....	57.80
McMullin, Robert H.....	57.10	Pettibone, A. H.....	59.15
McNally, Henry R.....	318.15	Petty, Fred L.....	570.40
Macmurdo, Wirt R.....	104.12	Pflaeging, Wm. H.....	203.90
Mahoney, W. J.....	145.85	Phillips, Allen G.....	331.24
Markert, George.....	217.45	Philpott, I. B.....	608.50
Marshall, Frank L.....	398.75	Pickens, J. M.....	150.32
Mason, Frank H.....	519.95	Pickett, James F.....	209.30
Mason, W. D.....	1,177.34	Pine, David B.....	77.35
Mather, Chalmers A.....	611.08	Pine, Henry E.....	155.80
Mauldin, C. E.....	44.10	Pinkerton, H. E.....	615.11
Mayer, N. J.....	344.55	Pohl, Emil.....	5.97
Maynard, Lee H. P.....	195.62	Pope, G. W.....	329.34
Mayne, H. D.....	263.55	Porter, Ray O.....	280.85
Meadors, W. H.....	4.32	Potteiger, C. R.....	148.81
Melvin, A. D.....	277.75	Potter, H. T.....	243.15
Merrill, Jay.....	448.70	Powers, H. R.....	22.81
Merritt, Jos. G.....	37.05	Prien, Roland H.....	36.00
Metsker, Louis.....	5.80	Priest, Benj. H.....	294.20
Miller, Arthur W.....	156.90	Pritchard, Wm. T.....	318.90
Miller, Chas. P.....	30.33	Proper, L. J.....	1,025.85
Mitchel, C. L.....	87.28	Proudford, Wm.....	898.10
Mohler, J. R.....	277.12	Puderaugh, Chas. A.....	18.30
Mohler, Wm. H.....	163.46	Purcell, Jno. T.....	196.32
Montgomery, Joe S.....	129.35	Quillian, Chas. M.....	27.34
Moore, H. O.....	363.92	Quirk, M. J.....	17.75
Moore, J. W.....	10.25	Raban, Robt. M.....	11.11
Moreno, Ruben J.....	542.73	Rabild, Helmer.....	178.08
Morgan, Porter.....	24.15	Ragland, M. J.....	490.15
Morin, C. L.....	135.70	Ramsay, R. A.....	1,197.95
Morriss, Andrew.....	10.25	Ransom, B. H.....	962.40
Morris, C. S.....	86.60	Rapp, C. A.....	892.75
Morris, David Karl.....	368.40	Raque, Chas. A.....	275.50
Morrissey, L. W.....	46.45	Rawl, B. H.....	1,800.65
Moser, C. O.....	668.35	Rawling, Wm. J.....	881.40
Moser, G. C.....	1,129.73	Rea, T. B.....	872.12
Murphy, W. J.....	52.08	Redmond, Thos.....	84.39
Murray, F. E.....	439.38	Rhoades, Marion H.....	373.04
Myers, M. J.....	172.83	Rhodes, L. C.....	87.65
Myers, W. A.....	468.05	Rice, E. J.....	64.73
Nance, Joseph E.....	94.57	Rietz, J. H.....	776.52
Naylor, Ralph E.....	408.84	Rigdon, Frank.....	153.49
Neal, John T.....	203.25	Rigdon, Scott J.....	193.97
Nebeker, Shirley.....	197.35	Riley, E. H.....	76.35
Nelson, Jean I.....	652.65	Ring, N. S.....	738.89
Nelson, Swen.....	601.20	Rishel, A. E.....	21.75
Newberry, Geo. W.....	16.55	Risser, A. K.....	1,375.19
Newman, Robert R.....	510.50	Robards, Jesse.....	436.78
Ney, Wm. O.....	176.77	Robertson, Andrew.....	113.26
Niles, W. B.....	322.28	Robinson, Chas. H.....	777.53
Nutting, L. A.....	636.95	Robinson, George H.....	91.83
Northrup, Leonard E.....	36.15	Robinson, Louis A.....	16.31
Noyes, Orrin W.....	727.60	Rockwell, Marshall H.....	101.40
Noyes, R. E.....	442.36	Rogers, L. A.....	335.94
O'Banion, Archie L.....	450.96	Rommel, Geo. M.....	452.98
O'Connor, Jno. P.....	1,084.55	Roney, Byrle C.....	558.96

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Rooper, John A.	\$39.05	Swaney, Frank C.	\$269.73
Rork, Chas. F.	1,198.55	Talbot, Seth P.	231.79
Rosenberger, Guy W.	22.65	Talbot, R. M.	360.80
Rosenberger, Maynard.	411.70	Taylor, Albert M.	192.70
Rozell, W. O.	153.43	Taylor, P. P.	390.03
Rudnick, A. W.	37.85	Teepie, Geo. R.	750.86
Russell, F. L.	546.48	Thom, Charles.	180.26
Ryan, W. M.	262.32	Thomas, Geo. E.	704.00
Ryder, J. F.	30.10	Thompson, Harry Q.	5.65
Santee, E. M.	507.22	Thompson, William.	789.71
Sargent, L. E.	861.18	Thomson, F. R.	21.42
Savage, W. A.	590.46	Thornton, E. L.	96.84
Sawhill, W. H.	1,084.06	Tiffany, J. B.	368.11
Schafer, Conrad.	230.77	Tilley, F. W.	4.51
Schafer, C. K.	766.83	Timberlake, T. O.	89.51
Schaffter, E. P.	14.55	Tornquist, Alfred.	211.41
Schneider, F. L.	812.15	Totten, Geo. E.	152.09
Schofield, Major.	156.75	Traum, Jacob.	537.09
Schroeder, E. C.	190.42	Travis, Frederick P.	9.60
Schultz, H. M.	325.40	Treacy, R. H.	3,150.48
Schumacher, Wilhelm.	744.52	Tremper, Henry J.	185.03
Scott, P. B.	244.55	Turlington, J. E.	84.02
Shaw, E. L.	1,157.94	Upton, Wallace L.	245.60
Shaw, R. H.	264.95	Vance, Arthur.	245.85
Shawhan, S. H.	16.40	Vanscoy, Robt. M.	2.55
Sheffel, Joseph.	83.14	Vermillion, R. C.	56.26
Shepperd, R. C.	144.86	Wagner, A. E.	43.45
Sherk, Jno. L.	226.82	Walker, C. C.	155.35
Sherwood, Everett C.	60.53	Waller, H. N.	428.28
Shore, H. J.	396.71	Ward, G. W.	57.65
Shraiberg, S. G.	279.65	Warner, Dick E.	223.30
Siegmund, W. C.	8.13	Warner, Geo. D.	21.88
Siggins, E. L.	571.31	Watters, S. A.	507.46
Silverwood, Herbert.	986.49	Waugh, Erick N.	362.85
Simpson, Harry H.	226.28	Weaver, Geo. P.	37.65
Simpson, Jno. M.	335.98	Weber, Jno. H.	292.15
Skinner, Wm. A.	565.70	Webster, E. H.	1,461.80
Slocum, R. R.	231.26	Welch, R. R.	396.38
Smallmon, D. M.	242.99	Weld, Ivan C.	730.95
Smart, E. G.	247.29	Wells, Levi.	1,339.95
Smart, H. F.	58.35	West, L.	17.40
Smith, Cyrus R.	140.95	Whitaker, G. M.	1,252.60
Smith, Lee C.	309.69	White, B. D.	1,281.00
Smith, S. M.	469.73	White, Elmer W.	69.72
Smith, Walter A.	3.55	Wiley, M. C.	437.23
Snyder, O. W.	.59	Wilkes, R. W. A.	801.55
Snyder, Rudolph.	862.67	Will, Evan J.	634.73
Somerville, S., jr.	15.44	Williams, John O.	173.57
Songer, Lee C.	420.61	Williams, Robert E.	245.84
Sorrell, Warren.	527.49	Williams, R. W., jr.	119.77
Sparkman, I. L.	244.95	Willits, E. V.	609.06
Speake, E. O.	476.55	Willoughby, C. L.	29.71
Spencer, Clyde G.	55.87	Winkler, J. G.	675.66
Spencer, Wm. T.	688.34	Wolf, Max.	279.05
Spindler, E. S.	831.90	Woodward, B. T.	171.73
Stafford, R. J.	95.90	Woodward, T. E.	739.50
Stange, Chas. H.	96.10	Wooten, Wm. C.	9.18
Stauffer, J. A.	957.75	Worcester, W. W.	71.00
Steddom, R. P.	203.85	Worswick, R. C.	573.08
Steele, Jos. G.	310.27	Wrinkle, Ellery.	169.15
Steele, M. B.	75.75	Yard, Wm. W.	249.38
Stewart, Walter J.	769.45	Yenner, William.	295.12
Stine, B. L.	31.30	Young, John M.	476.84
Stout, Edgar N.	422.05	Zeiler, John Lewis.	224.40
Stults, Clinton L.	310.45	Zink, C. H.	377.85
Sullivan, Dan C.	592.89		
Sutton, Clemmons G.	1.05	Total.	209,151.28

Total amount of appropriation.....\$892,200.00  
 Total expenditures under above groups.....876,084.98

Unexpended balance.....16,115.02  
 Repayments to credit of appropriation.....1,674.55

Net unexpended balance.....17,789.57

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry, 1908, \$892,200"—Continued.*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Delaware Agricultural Experiment Station.	Anthrax investigations.....	\$126. 94
Albert Lea Dairy Association, Albert Lea, Minn.	Butter and cheese investigations.....	300. 00
Utah Agricultural Experiment Station.	Treatment of big head of sheep.....	173. 81
University of Wisconsin, Madison, Wis.	Cheese investigations.....	3,000. 00
Total.....		3,600. 75

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1908, \$5,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Flocken, C. F.....	Assistant in bacteriology, at \$1,800.....	\$1,800. 00	\$137. 45
Swedburg, Jasper.....	Laborer, at 20 cents per hour.....	5. 00	
Total.....		1,805. 00	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1908, \$5,000."*

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Schlener Stationery Co., J. A.....	\$10. 65	New England Furniture and Carpet Co.....	\$24. 83
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Ayer, H. D.....	16. 05	Hammond Distilling Co.....	22. 50
Cotton, Chas. E.....	80. 00	Leltz, Ernest.....	277. 69
Gillis, Jas. R.....	34. 60	Noyes Bros. & Cutler.....	112. 96
Laramie & Grohn.....	16. 00	Parke, Davis & Co.....	4. 25
Powers Mercantile Co.....	16. 80	Total.....	417. 40
Reynolds, M. H.....	15. 00	<i>Travel and station and field expenses.</i>	
Rood, Otto.....	6. 95	Flocken, Chas. F.....	43. 93
Sharp & Smith.....	. 73		
Standard Oil Co.....	11. 59		
Upton & Shadewald.....	470. 48		
Total.....	668. 20		

Total amount of appropriation..... \$5,000. 00  
 Total expenditures under above groups..... 2,970. 01  
 Unexpended balance..... 2,029. 99

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1908, \$5,000."*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Minnesota Agricultural Experiment Station.	Investigations of the diseases known as hemorrhagic septicaemia, infectious cerebro-spinal meningitis, and malignant catarrh.	\$1,800. 00

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (animal feeding and breeding), 1908, \$50,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Curtiss, C. F.....	Member of board to purchase horses, at \$10 per diem.	\$100. 00	\$80. 32
King, F. S.....	Member of board to purchase sheep, at \$10 per diem.	280. 00	540. 97
King, Frank G.....	Special agent, at \$840, and scientific assistant, at \$840.	840. 00	.....
Ward, W. F.....	Scientific assistant, at \$720 and \$1,080.....	990. 00	139. 62
Armsby, H. P.....	Expert, at \$1,000.....	1,000. 00	.....
Carlyle, W. L.....	do.....	1,000. 00	151. 32
Braman, W. W.....	Assistant expert, at \$840.....	840. 00	.....
Fries, J. August.....	Assistant expert, at \$840 and \$1,000.....	986. 67	.....
Christensen, F. W.....	Assistant expert, at \$35 per month and \$500.....	493. 34	.....
Kibbey, Richards C.....	Expert in animal husbandry, at \$1,000.....	613. 90	19. 74
Gowell, G. M.....	Expert in animal husbandry, at \$600.....	300. 00	.....
McConnell, T. F.....	Expert in animal husbandry, at \$500.....	347. 23	.....
Gaumnitz, D. A.....	Expert in animal husbandry, at \$400.....	400. 00	.....
Gray, D. T.....	Expert in animal husbandry, at \$300.....	300. 00	193. 81
Hutton, James.....	Expert groom, at \$1,200.....	1,200. 00	.....
Hammond, W. F.....	Expert superintendent of Morgan horse farm, at \$1,000.	1,000. 00	113. 88
Peck, Cassius.....	Expert supervisor of Morgan horse farm, at \$300.....	300. 00	.....
Burke, T.....	Stableman, at \$1.50 per diem.....	36. 75	.....
Pearl, Raymond.....	Expert in poultry breeding, at \$600.....	300. 00	.....
Cobb, O. E.....	Collaborator, at \$100 per annum.....	66. 67	.....
Kernachan, J. S.....	do.....	79. 16	.....
Abbey, G. E.....	Mason, at \$3 per diem and \$80 per month.....	182. 00	.....
Hughes, E. J.....	do.....	218. 00	.....
Hughes, James.....	do.....	315. 33	.....
Taber, A. C.....	Painter, at \$75 per month.....	200. 00	.....
Dumas, Gilbert.....	Painter, at \$800.....	180. 00	.....
Jarvis, Charles.....	Painter, at \$60 per month.....	140. 00	.....
Lavouche, Isaac.....	Carpenter, at \$2.75 per diem and \$105 per month.....	452. 90	.....
Hebert, Frank A.....	Carpenter, at \$2.50 and \$2.25 per diem, and \$60 per month.	138. 75	.....
Sears, John.....	do.....	203. 50	.....
Palmater, C. H.....	Carpenter, at \$2.25 per diem.....	74. 25	.....
Lavouche, I., jr.....	Mechanic (foreman), at \$4 per diem.....	100. 00	.....
Eddy, C. D.....	Mechanic, at \$2.25 per diem, and carpenter, at \$60 per month.	118. 18	.....
Kirbey, I.....	Mechanic, at \$2.25 per diem.....	27. 00	.....
Lavouche, Geo.....	Mechanic, at \$2.25 per diem, and carpenter, at \$60 per month.	225. 25	.....
Selleck, B.....	Mechanic, at \$2.25 per diem.....	33. 75	.....
Lavouche, E.....	Mechanic, at \$2 per diem, and carpenter, at \$55 per month.	204. 33	.....
Greenslib, J. A.....	Laborer, at \$3.50 per diem.....	3. 50	.....
La Pau, Poly.....	do.....	21. 00	.....
St. Peters, Bert.....	do.....	14. 00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (animal feeding and breeding), 1908, \$50,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sherbim, Carlton	Laborer, at \$3.50 per diem.	\$20.00	
Cady, W. L.	Laborer, at \$2.25 per diem, and carpenter, at \$60 per month.	257.25	
Cosgrove, C. J.	Laborer, at \$2 per diem.	34.00	\$69.01
Cota, Charles	Laborer, at \$2 and \$1.50 per diem and \$480.	117.75	
Cota, Henry	Laborer, at \$2 and \$1.50 per diem.	74.50	
Guyett, A. W.	do.	49.00	
La Dean, Geo.	do.	95.00	
Langworthy, C. G.	Laborer, at \$2 and \$1.50 per diem, and \$40 per month.	170.50	
Moroney, T. F.	Laborer, at \$2 per diem.	43.00	
Pinney, J. W.	Laborer, at \$2 and \$1.50 per diem.	73.00	
Walker, H. C.	do.	66.00	
Woodworth, G. C.	Laborer, at \$2 and \$1.50 per diem, and \$40 per month.	205.50	
Cota, Fred	Laborer, at \$480.	48.00	
Cota, Joseph	do.	48.00	
Desjadin, Simon	Laborer, at \$40 per month.	300.00	
Fittz, Arthur	Laborer, at \$480.	16.00	
Lee, Fred M.	Laborer, at \$40 per month.	300.00	
Lee, Walter T.	do.	300.00	
McMahon, M. J.	Laborer, at \$480.	30.67	
Sears, William	do.	48.00	
Burke, T. J.	Laborer, at \$1.50 per diem and \$40 per month.	358.67	
Cady, D.	do.	38.67	
Donnoh, John	Laborer, at \$1.50 per diem.	7.50	
Forest, Frank	do.	28.50	
Langworthy, C. H.	Laborer, at \$1.50 per diem and \$40 per month.	72.00	
Oconol, D.	do.	117.50	
Pratt, Ray	do.	56.20	
Sebra, Lewis	Laborer, at \$1.50 per diem.	31.50	
Yarter, Frank Y.	Laborer, at \$1.50 per diem and \$40 per month.	51.63	
Hutton, James F.	Laborer, at \$300.	125.00	
O'Dea, Andrew M.	do.	63.33	
Stannard, C. A.	do.	50.00	
Total		17,621.23	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (animal feeding and breeding), 1908, \$50,000."*

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Allen, L. O.	\$89.60	Calhoun & Son, A.	\$1,458.03
American Saddle Horse Breeders' Association.	10.00	Carey, A. W.	80.94
Armsby, Chas. L.	1.75	Carlyle, Jay F.	1,000.00
Battell, Joseph	4,000.00	Chapman, Chas.	20.00
Bessett & Boudran.	35.95	Chapman, Thad M.	2,286.38
Bissonett, F. W.	56.00	Chicago Merchandise and Equipment Co.	82.50
Blodgett Co., G. S.	2.10	Church, H. Robt.	13.00
Brandon Italian Marble Co.	9.33	Cosgrove, C. J.	15.96
Bryant & Gary Manufacturing Co.	3.60	Cushman, E. P.	21.53
Bullard, A.	12.00	Dana, C. H.	10.00
Bullard Co.	1,200.00	Dike, J. M.	5.00
Bullard, E. J.	70.50	Edmiston, H. D.	14.40
Butterfield Live Stock Co. (Limited).	450.00	Edmiston, Walter	64.80
Buttolph, J. E.	4.61	Farnsworth & Co.	34.80
Cady, Mary E.	11.35	Griffith & Nathaniel	75.00
Cady, W. N.	24.85	Halley, C. R.	650.00

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Animal Industry (animal feeding and breeding), 1908,  
 \$50,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Hamilton, George.....	\$27. 10	King Mantel Co.....	\$41. 90
Hansen, W. S.....	240. 00	Reynolds Co., W. G.....	169. 02
Hartswick, N. N.....	12. 00	Total.....	210. 92
Hunt, E. G.....	75. 00	<i>Fuel.</i>	
Iowa Experiment Station.....	1, 125. 00	Marshall, A. J.....	208. 73
Jackson, R. A.....	730. 00	<i>Freight.</i>	
Johnson, J. Gano.....	1,000. 00	Rutland Railroad Co.....	227. 64
Jones, A. G.....	1,000. 00	Union Pacific R. R. Co.....	443. 62
Jones, W. M.....	1,000. 00	Wyoming Agricultural Experiment Station.....	37. 20
Kelley, Mrs. H. C.....	146. 00	Total.....	708. 46
Kidder, T.....	20. 00	<i>Express.</i>	
Lathrop, Noah.....	70. 00	University of Wyoming.....	102. 90
Lockwood, J. R. & J. H.....	315. 50	<i>Telegraph.</i>	
Mack, C. J.....	14. 56	Western Union Telegraph Co.....	. 53
Marshall, G. E.....	5. 52	<i>Telephone.</i>	
Middlebrook & Sons, J. O.....	510. 00	Meybridge Telephone Co.....	58. 01
Middleburg Electric Co.....	894. 06	<i>Gas and electricity.</i>	
Moore-Jackson Grain Co.....	1, 448. 59	Middlebury Electric Co.....	55. 48
Newton, Fred.....	500. 00	<i>Apparatus, instruments, and laboratory material.</i>	
Niles, C. C.....	600. 00	Sheldon, W. H.....	41. 12
Northern Electric Co.....	626. 96	<i>Travel and station and field expenses.</i>	
O'Connor, J. H.....	4. 75	Bell, G. Arthur.....	205. 83
Orvis, John H.....	17. 50	Brock, R. O.....	3. 30
Perkins, Jacob B.....	12. 00	Butler, G. W.....	10. 70
Rainsford, Geo. D.....	50. 00	Carlyle, W. L.....	151. 32
Rich & Chamberlain.....	58. 00	Cline, Winfield S.....	36. 88
Robbins & Severance.....	12. 00	Corbett, L. C.....	37. 31
Rogers & Wells.....	1, 344. 41	Cosgrove, C. J.....	69. 01
Sargent & Son, S. R.....	49. 50	Curtiss, C. F.....	80. 32
Seely, C. J.....	3. 50	Gray, Dan T.....	193. 81
Seely & Dickerson.....	2. 50	Hammond, W. F.....	113. 88
Smith, A. B.....	5. 50	Houck, U. G.....	3. 77
State Board of Sheep Comm.....	2. 45	Kibbey, R. C.....	19. 74
Stearns & Co., R. B.....	15. 00	King, Francis S.....	540. 97
Stewart, J. H.....	1, 477. 89	Rommel, Geo. M.....	355. 61
Strong, Hardware Co.....	28. 02	Shaw, E. L.....	292. 35
Taber, A. C.....	98. 90	Ward, W. F.....	139. 62
Thayer & Collins.....	48. 68	Total.....	2, 254. 42
Thomas, E. H.....	231. 00		
Thomas & Weeks.....	955. 53		
Tisdale, S. G.....	44. 02		
Towle & Co., J. C.....	400. 00		
Truesdale, Geo.....	212. 00		
Tully, J. B.....	33. 00		
Tuttle & Clark.....	6. 75		
University of Wyoming.....	6. 00		
Vermont Experiment Station.....	65. 00		
Vosburgh, R. J.....	19. 50		
Walker, Geo. S.....	4. 41		
West Disinfecting Co.....	3. 50		
Winslow, C. M.....	150. 00		
Wolff, Wm. F.....	13. 20		
Total.....	27, 548. 82		

Total amount of appropriation..... \$50,000. 00  
 Total expenditures under above groups..... 48,810. 62

Unexpended balance..... 1, 189. 38

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1908, \$50,000."*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Colorado Agricultural Experiment Station.	Experiments in horse breeding.....	\$2,884.50
Iowa Agricultural Experiment Station.	Experiments in breeding gray draft horses.....	1,125.00
Maine Agricultural Experiment Station.	Poultry breeding.....	1,000.00
Pennsylvania State College.....	Animal nutrition investigations.....	3,421.96
Vermont Agricultural Experiment Station.	Experiments in horse breeding.....	1,050.00
Minnesota Agricultural Experiment Station.	Investigations in breeding milking and shorthorn cattle.....	400.00
Wyoming Agricultural Experiment Station.	Experiments in sheep breeding.....	685.76
Total.....		10,567.22

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Farrington, A. M.....	Assistant chief of bureau, at \$3,000.....	\$2,250.00	.....
Mohler, John R.....	Chief of pathological division, at \$3,500.....	2,625.00	.....
Washburn, H. J.....	Assistant chief of pathological division, at \$2,250.....	1,687.50	.....
Buckley, John S.....	Assistant in pathology, at \$2,000.....	1,285.34	.....
McBryde, C. N.....	Scientific assistant in bacteriology, at \$2,000.....	1,500.00	.....
Morse, Geo. B.....	Assistant in pathology, at \$2,000.....	1,500.00	.....
Hart, Geo. H.....	Assistant in pathology and bacteriology, at \$1,800.....	1,200.00	.....
Dorset, Marion.....	Chief biochemic division, at \$3,500.....	2,625.00	.....
Emery, James A.....	Assistant chief biochemic division, at \$2,250.....	1,687.50	.....
Steddom, R. P.....	Chief inspection division, at \$3,000.....	2,250.00	.....
Behnke, Albert E.....	Associate chief inspection division, at \$2,500.....	2,500.00	\$580.53
Wooden, Morris.....	do.....	2,500.00	336.06
Price, T. M.....	Scientific assistant, at \$2,000.....	1,066.67	.....
Kerr, Robt. H.....	Scientific assistant, at \$1,200 and \$1,400.....	816.67	35.30
Tilley, Frank W.....	do.....	966.67	.....
West, Albert M.....	Assistant in biochemistry, at \$1,400.....	1,050.00	.....
Castelman, Philip.....	Assistant chemist, at \$1,200.....	1,200.00	.....
Chapin, Robert M.....	Assistant chemist, at \$1,200 and \$1,600.....	1,566.67	.....
Powick, W. C.....	Laboratory assistant, at \$1,000.....	183.34	10.62
Burnett, Roy E.....	Laboratory assistant, at \$900.....	675.00	.....
Hardesty, F. D.....	do.....	247.50	56.97
Henley, Robt. R.....	Laboratory assistant, at \$900 and \$1,000.....	454.17	25.55
Munro, Joseph B.....	Laboratory assistant, at \$900.....	622.50	9.67
Fuller, A. V.....	Laboratory assistant, at \$720 and \$900.....	655.00	.....
Meyer, Will B.....	Laboratory assistant, at \$720.....	90.00	.....
Ralph, E. J.....	Laboratory assistant, at \$720 and \$900.....	655.00	.....
Taylor, James N.....	Laboratory assistant, at \$720.....	170.00	.....
Littlejohn, Howard I.....	Laboratory assistant, at \$600.....	275.00	41.80
Stamper, W. S.....	Laboratory clerk, at \$1,200.....	900.00	.....
Ingersoll, E. H.....	Laboratory helper, at \$840, and laboratory assistant, at \$900 and \$1,000.....	913.17	.....
Smith, Wm. H., jr.....	Veterinary inspector, at \$2,000.....	2,000.00	454.80
Elchhorn, Adolph.....	Veterinary inspector, at \$1,800.....	1,350.00	.....
Traum, Jacob.....	Veterinary inspector, at \$1,600.....	533.34	.....
Stafford, R. J.....	Veterinary inspector, at \$1,400.....	1,400.00	85.90
Woodward, B. T.....	do.....	1,400.00	171.73
Mink, William.....	Meat inspector, at \$1,200.....	1,200.00	.....
Parks, G. H.....	Architect, at \$1,800.....	1,350.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Gerdes, H. H.	Clerk, at \$1,800.	\$1,800.00	
Goodpasture, C. O.	do.	1,800.00	
Pew, I. W.	do.	1,800.00	
Williams, R. W., jr.	Clerk and law clerk, at \$1,800.	1,350.00	
Evans, I. C. I.	Clerk, at \$1,600.	1,600.00	
Russell, George H.	Clerk, at \$1,500.	1,233.33	
Davis, Alfred C.	Clerk, at \$1,400.	1,400.00	
Fravel, F. R.	do.	116.66	
Gregory, F. N.	do.	1,400.00	
Keleher, P. J.	do.	1,392.22	
Lyons, Evelyn	do.	1,400.00	
Magee, R. W.	do.	1,166.67	
Peffer, Harry B.	do.	1,400.00	
Sullivan, Mary	do.	1,400.00	
Watson, H. L.	do.	1,400.00	
Young, George D.	do.	350.00	\$30.20
Gates, Otis H.	Clerk, stenographer, and typewriter, at \$1,400, and law clerk, at \$1,600.	1,450.00	37.10
McGinty, G. B.	Clerk, stenographer, and typewriter, at \$1,400.	1,400.00	
Cartan, M. S.	Clerk, at \$1,200.	500.00	
Corey, Charles R.	do.	500.00	
Marshall, Mary G.	do.	1,200.00	
Scribner, LeRoy	Clerk, at \$1,200 and \$1,400.	1,316.67	
Wasdon, B. G.	Clerk, at \$1,200.	1,200.00	
White, H. C.	Clerk, stenographer, and typewriter, at \$1,200.	1,200.00	
Anderson, M. N.	Clerk, at \$1,000 and \$1,200.	1,113.89	
Harris, A. E.	do.	933.34	
Jacobs, Harry C.	do.	1,150.00	
King, James L.	do.	1,100.00	
Knoft, Laura R.	Clerk, at \$1,000.	1,000.00	
Richardson, W. T.	Clerk, at \$1,000 and \$1,200.	1,100.00	
Sammis, E. C.	Clerk, at \$1,000.	1,000.00	
Tomlinson, W. F.	do.	1,000.00	
Perry, C. A.	Clerk (bookkeeper), at \$1,000 and \$1,200.	1,086.66	
Griswold, Grace.	Clerk, stenographer, and typewriter, at \$1,000.	1,000.00	
Kling, Marcus W.	Clerk, stenographer, and typewriter, at \$1,000 and \$1,200.	1,150.00	
Sehorn, Victor H.	Clerk, stenographer, and typewriter, at \$1,000.	750.00	
Wagner, Harvey	do.	519.44	
Brauner, Adolph.	Clerk, at \$900.	900.00	
Bingman, Harry	do.	900.00	
Healy, B. M.	do.	900.00	
Le Flohic, Geo.	do.	900.00	
Lipp, Paul H.	do.	900.00	
Puette, Grace.	do.	900.00	
Simpson, John M.	Clerk, at \$900 and \$1,000.	975.00	
Hatchitt, Nina.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	975.00	
Flavin, Philip T.	Clerk and typewriter, at \$900.	37.50	
Hughes, Geo. H.	do.	900.00	
Neis, C. J.	do.	150.00	
Cunningham, S. H.	Clerk, at \$840 and \$1,200.	1,082.33	
Field, Jas. E.	Clerk, at \$840.	\$40.00	
Reynolds, Bronte A.	do.	149.34	2.90
Wright, Alice J.	do.	\$40.00	
Block, Theo.	Clerk, stenographer, and typewriter, at \$840.	\$40.00	
McFarland, Hattie B.	do.	\$40.00	
Feild, Jennie E.	Clerk, at \$720 and \$840.	\$10.00	
Floyd, P. B.	do.	\$10.00	
Lane, Jennie M.	Clerk, at \$720 and \$900.	\$52.50	
Lucas, Ethel.	do.	\$55.00	
Parkinson, E. F.	Clerk, at \$720 and \$840.	\$10.00	
Sullivan, E. M.	Clerk, at \$600 and \$720.	\$90.00	
Bowler, John W.	Plumber, at \$4 per diem.	\$64.00	
Starke, Peter H.	do.	\$72.00	
Madigan, Thomas.	Plumber's helper, at \$50 per month.	\$150.00	
Marks, Alvah R.	Plumber's helper, at \$1.50 and \$2 per diem.	\$131.50	
Fridell, Willis M.	Carpenter, at \$4 per diem.	\$296.00	
Hudson, Richard.	do.	\$268.03	
Langham, Joseph.	do.	\$112.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Perkins, Thos. B.	Carpenter, at \$4 per diem.	\$296.00	
Hollidge, A. H.	Skilled laborer, at \$900, and carpenter, at \$960.	930.00	
Andrews, Albert A.	Skilled laborer, at \$600.	500.00	
Wesley, Charles	do.	600.00	
Maloy, Edward J.	Messenger and custodian, at \$1,200.	1,200.00	
Crompton, Harry	Messenger, at \$840.	840.00	
Mann, E. L.	Messenger boy, at \$600.	600.00	
Moore, Grover E.	Messenger boy, at \$480.	202.67	
Wilmeth, John F.	Messenger boy, at \$480, and clerk and type-writer, at \$900.	667.83	
Cowles, Allen P.	Messenger boy, at \$360.	57.00	
Davis, R. Nelson	do.	96.00	
Eldridge, J. E.	do.	360.00	
Jump, W. Ashby	do.	360.00	
Long, H. P.	do.	360.00	
Travers, C. E.	do.	360.00	
Beach, Freddie	Charwoman, at \$480.	480.00	
Alexander, Wm.	Laborer, at \$600.	500.00	
Gill, C. T.	Unskilled laborer, at \$480.	400.00	
Glidden, Belle	do.	113.33	
O'Rourke, Dorothy	Unskilled laborer, at \$40 per month.	40.00	
Jones, Joel M.	Unskilled laborer, at \$1.50 per diem.	107.75	
Shields, William H.	do.	108.00	
West, Ernest	do.	106.50	
Total		117,263.17	
<i>Out of Washington.</i>			
Gibbs, W. H.	Veterinary inspector, at \$1,800.	1,390.00	
Gillies, Duncan R.	do.	1,800.00	
Grove, John S.	do.	1,800.00	
Grundy, George G.	do.	1,500.00	
Harrison, Robt. H.	do.	1,800.00	\$13.79
Hawley, Hiram W.	do.	1,710.00	
Hayes, John J.	Veterinary inspector, at \$1,800 and \$1,900.	1,866.67	660.03
Hedrick, H. A.	Veterinary inspector, at \$1,900 and \$2,000.	1,933.34	282.91
Hendren, Samuel G.	Veterinary inspector, at \$1,800.	1,800.00	
Hirleman, Arden L.	do.	1,800.00	38.46
Holcombe, Allen A.	do.	675.00	
Hollenbeck, John B.	do.	1,800.00	28.65
Hope, James G.	do.	1,800.00	27.88
Hopkins, Fred W.	do.	1,800.00	2.39
Hopper, John B.	do.	1,800.00	
Howes, Benjamin.	do.	1,800.00	3.42
Huntington, F. W.	Veterinary inspector, at \$1,800; horse hire, \$420.	2,220.00	73.98
Hyde, Andrew	Veterinary inspector, at \$1,800.	1,800.00	40.33
Hynes, Wm. R.	do.	1,800.00	
Irwin, A. N.	Veterinary inspector, at \$1,800; horse hire, \$165.83.	1,740.83	
Isaac, Moses.	Veterinary inspector, at \$1,800.	1,800.00	
Jay, Robert.	do.	1,800.00	31.00
Jerome, Geo.	do.	1,800.00	
Johnston, James.	do.	1,800.00	
Johnson, Raymond.	do.	1,800.00	607.08
Kanstoroom, D. S.	do.	1,800.00	27.80
Keane, Jos. S.	do.	1,745.00	
Keppel, John.	do.	1,800.00	
Knorr, Geo. W.	do.	1,800.00	38.14
Krowl, Isaac N.	do.	1,665.00	
Lanigan, O. J.	do.	1,800.00	
Lantz, M. S.	do.	1,800.00	190.85
Lavery, W. F.	do.	1,800.00	
Leeper, Robt. B.	do.	1,800.00	
Lewis, Walter K.	do.	1,800.00	
Lincoln, Willis B.	do.	1,800.00	59.35
Lint, Milton C.	do.	1,800.00	
Logan, Albert H.	do.	1,800.00	
Luks, Alf. E.	do.	1,335.00	32.15
McBirney, John.	Veterinary inspector, at \$1,800; horse hire, \$336.	2,136.00	117.20

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal-Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McBride, Archibald.....	Veterinary inspector, at \$1,800.....	\$1,800.00	\$163.68
McCall, Chas. A.....	do.....	1,585.00	.....
McCurdy, Frank C.....	do.....	1,800.00	.....
McFarland, Claude M.....	do.....	1,800.00	.....
McHugh, Wm. O.....	do.....	1,800.00	28.45
McKeown, T. H.....	do.....	1,800.00	55.29
Madsen, Jens.....	do.....	1,800.00	.....
Mahon, James.....	do.....	1,800.00	.....
Mauldin, C. E.....	do.....	1,800.00	338.93
Mead, Rolla N.....	do.....	1,800.00	40.69
Meadors, W. H.....	do.....	1,800.00	4.32
Miller, Chester.....	Veterinary inspector, at \$1,800 and \$2,000.....	1,891.67	57.20
Miller, Monroe B.....	Veterinary inspector, at \$1,800.....	1,715.00	.....
Schaffter, Edward P.....	Veterinary inspector, at \$2,000.....	2,000.00	259.13
Scott, T. W.....	do.....	2,000.00	26.70
Shipley, T. A.....	do.....	2,000.00	336.23
Sorenson, Niels C.....	do.....	2,000.00	107.54
Townsend, Norris L.....	do.....	2,000.00	199.50
Wallace, Archibald H.....	Veterinary inspector, at \$2,000; horse hire, \$249.60.....	2,238.49	280.60
Waller, Harry N.....	Veterinary inspector, at \$2,000; horse hire, \$250.....	2,240.00	863.71
Wende, Bernhard P.....	Veterinary inspector, at \$2,000; horse hire, \$300.....	2,300.00	.....
Anderson, M. O.....	Veterinary inspector, at \$1,800.....	1,800.00	20.05
Andrew, W. R.....	do.....	1,800.00	.....
Atherton, I. K.....	Veterinary inspector, at \$1,800 and \$2,000.....	1,891.67	46.60
Atherton, O. G.....	Veterinary inspector, at \$1,800.....	1,800.00	32.17
Babcock, Henry C.....	Veterinary inspector, at \$1,800; horse hire, \$224.....	1,424.00	.....
Baldwin, Boyd.....	Veterinary inspector, at \$1,800.....	1,800.00	42.30
Balzer, Emil.....	do.....	1,800.00	.....
Barnhart, Chas. W.....	do.....	1,800.00	.....
Benner, Willis G.....	do.....	1,800.00	67.25
Bond, Geo. A.....	do.....	1,700.00	.....
Bower, Walter C.....	do.....	1,800.00	24.65
Boyce, Nelson V.....	do.....	1,800.00	.....
Bracken, Wm. J.....	do.....	975.00	.....
Braginton, Fred.....	do.....	1,800.00	.....
Bird, W. N. D.....	do.....	1,800.00	4.22
Blackwell, A. M.....	do.....	565.00	.....
Bugbee, Clinton H.....	do.....	1,800.00	.....
Burneson, J. C.....	do.....	1,800.00	.....
Burnett, D. C.....	do.....	1,800.00	127.89
Carnachan, Thos. W.....	Veterinary inspector, at \$1,800 and \$1,900.....	1,820.84	.....
Castor, Thomas.....	Veterinary inspector, at \$1,800.....	1,800.00	.....
Chaney, Herbert B.....	do.....	1,800.00	291.80
Cochrane, Robert E.....	do.....	1,795.00	.....
Cooper, Dean G.....	do.....	1,800.00	.....
Cooper, J. D.....	do.....	1,800.00	.....
Cooper, W. Ross.....	do.....	1,800.00	.....
Crossman, Edgar A.....	do.....	1,800.00	105.85
Davies, C. H.....	do.....	1,800.00	.....
Day, L. Enos.....	do.....	1,800.00	158.80
Day, Wm. E.....	do.....	1,790.00	79.25
Dell, Harry H.....	do.....	1,800.00	.....
De Ronde, John D.....	do.....	1,785.00	46.16
Durfee, Clarence O.....	do.....	1,800.00	9.14
Eagle, Richard F.....	Veterinary inspector, at \$1,800; horse hire, \$112.....	1,912.00	45.24
Eagle, Thomas J.....	Veterinary inspector, at \$1,800.....	1,800.00	.....
Eckl, Wm.....	do.....	1,800.00	.....
Elliott, Clarence L.....	do.....	1,800.00	.....
Everly, Ora W.....	do.....	880.00	564.17
Fegley, Nathan K.....	do.....	1,800.00	73.50
Fleming, James.....	Veterinary inspector, at \$1,800 and \$2,000; horse hire, \$420.....	2,261.67	.....
Fotheringham, Wm.....	Veterinary inspector, at \$1,800; horse hire, \$300.....	2,160.00	4.94
Fretz, Warren J.....	Veterinary inspector, at \$1,800.....	1,800.00	85.00
Wray, W. H.....	Veterinary inspector, at \$4,000.....	3,999.99	250.42
Bennett, S. E.....	Veterinary inspector, at \$3,000; horse hire, \$336.....	3,336.00	444.60
Ayer, Don C.....	Veterinary inspector, at \$2,500; horse hire, \$288.....	2,788.00	62.08
Baker, Lewis R.....	Veterinary inspector, at \$2,500; horse hire, \$420.....	2,920.00	126.26
Geddes, Toie A.....	Veterinary inspector, at \$2,500 and \$2,750.....	2,604.17	1,036.84
Houck, U. G.....	Veterinary inspector, at \$2,500.....	2,500.00	182.98

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ryder, J. F.	Veterinary inspector, at \$2,500; horse hire, \$420.	\$2,920.00	\$538.43
Brougham, James J.	Veterinary inspector, at \$2,250; horse hire, \$315.	2,565.00	278.70
Clancy, J. B.	Veterinary inspector, at \$2,250.	2,250.00	189.32
Ditewig, George.	do.	2,250.00	1,597.89
George, H. H.	do.	2,250.00	205.62
Johnson, G. A.	do.	2,250.00	225.48
Ketchum, Frank D.	Veterinary inspector, at \$2,250; horse hire, \$300.	2,610.00	295.96
Mattatal, Ira C.	Veterinary inspector, at \$2,250.	2,250.00	997.81
Pistor, A. J.	do.	2,250.00	1,719.09
Rose, W. H.	do.	2,250.00	117.44
Schauffer, Chas. A.	Veterinary inspector, at \$2,250; horse hire, \$300.	2,610.00	498.32
Baker, George S.	Veterinary inspector, at \$2,200.	2,200.00	557.65
Abel, Louis.	Veterinary inspector, at \$2,000.	2,000.00	171.61
Ainsworth, Fred. W.	do.	2,000.00	141.62
Beechy, Levi P.	do.	2,000.00	48.50
Bertram, E. L.	Veterinary inspector, at \$2,000; horse hire, \$420.	2,420.00	444.25
Blackwell, John E.	Veterinary inspector, at \$2,000; horse hire, \$212.50.	2,212.50	43.32
Brown, H. E.	Veterinary inspector, at \$2,000.	2,000.00	130.39
Burt, S. W.	do.	2,000.00	33.10
Busman, Herman.	Veterinary inspector, at \$2,000; horse hire, \$300.	2,300.00	215.65
Butler, Geo. W.	Veterinary inspector, at \$2,000.	2,000.00	330.67
Casper, A. M.	do.	2,000.00	37.20
Cloud, Joel E.	do.	1,666.67	6.60
Darling, Robert.	Veterinary inspector, at \$2,000; horse hire, \$300.	2,300.00	.....
Day, Chas. M.	Veterinary inspector, at \$2,000.	2,000.00	30.67
Deming, Charles W.	do.	2,000.00	266.35
De Wolf, F. L.	do.	2,000.00	8.80
Dowd, Edward P.	do.	1,000.00	18.50
Faville, George C.	do.	2,000.00	73.30
Green, L. K.	do.	2,000.00	425.89
Hess, Orlando B.	do.	2,000.00	490.34
Irons, Geo. T.	do.	2,000.00	49.70
Joss, E. C.	do.	2,000.00	562.00
Kelly, James S.	do.	2,000.00	84.56
Long, Albert.	do.	2,000.00	104.25
Martins, Alfred F.	do.	2,000.00	298.80
Metsker, Louis.	do.	2,000.00	30.05
Miller, Joshua.	do.	2,000.00	82.92
Montague, J. W.	do.	2,000.00	108.92
Neil, Wesley N.	do.	2,000.00	202.69
Rishel, A. E.	Veterinary inspector, at \$2,000; horse hire, \$300.	2,300.00	426.19
Huelsen, Julius.	Veterinary inspector, at \$2,000.	2,000.00	147.10
Morrison, Robt. J.	Veterinary inspector, at \$1,800.	1,650.00	.....
Morrow, Chas. J.	do.	1,800.00	28.55
Mullowney, Patrick H.	do.	1,800.00	567.41
Murphy, Bernard W.	do.	1,800.00	.....
Murphy, Wilbur J.	do.	950.00	562.48
Murray, F. E.	Veterinary inspector, at \$1,800; horse hire, \$60.	715.00	.....
Myer, Elisha.	Veterinary inspector, at \$1,800.	1,800.00	38.70
Nighbert, E. M.	do.	1,200.00	1,036.01
Niles, Edwin P.	do.	1,800.00	.....
Niven, Andrew B.	do.	1,800.00	40.60
O'Leary, John P.	do.	1,800.00	10.76
Otis, G. M.	do.	1,800.00	22.55
Otterman, James L.	do.	1,800.00	2.75
Owen, F. D.	do.	1,800.00	192.32
Painter, George D.	do.	1,800.00	28.35
Palmer, Chas. F.	do.	1,800.00	93.55
Parker, Joseph W.	do.	1,200.00	757.22
Paxson, H. D.	do.	1,795.00	.....
Perry, F. M.	do.	315.00	.....
Perry, Milton T.	do.	1,795.00	95.55
Pote, Thomas B.	do.	1,800.00	.....
Powell, Norman C.	do.	1,800.00	.....
Price, John O. F.	do.	900.00	368.53
Quinn, Patrick E.	do.	1,800.00	23.30
Reidy, John B.	do.	1,800.00	32.26
Repp, Geo. E.	Veterinary inspector, at \$1,800 and \$2,000.	1,891.67	35.80
Rich, Theodore S.	Veterinary inspector, at \$1,800; horse hire, \$360.	2,160.00	73.05

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Richmond, Xavia I. ....	Veterinary inspector, at \$1,800. ....	\$1,800. 00	.....
Robinson, Louis A. ....	do. ....	1,650. 00	\$16. 31
Roe, John F. ....	do. ....	1,800. 00	.....
Roome, Henry. ....	do. ....	1,800. 00	23. 76
Sappington, Morey A. ....	do. ....	1,800. 00	.....
Shaw, Silas L. ....	do. ....	1,800. 00	15. 75
Shumway, Daniel G. ....	do. ....	1,800. 00	76. 14
Siegmund, Wm. C. ....	do. ....	1,800. 00	12. 53
Slee, John G. ....	do. ....	1,800. 00	114. 05
Sloan, John A. ....	do. ....	1,800. 00	100. 00
Smith, Herbert M. ....	do. ....	1,800. 00	506. 86
Smith, Nathaniel B. ....	do. ....	1,435. 00	148. 15
Snyder, O. W. ....	do. ....	1,800. 00	31. 14
Sparhawk, Wm. T. ....	do. ....	1,800. 00	4. 17
Stevens, Frederick L. ....	do. ....	1,800. 00	715. 95
Stingley, Orville A. ....	do. ....	1,800. 00	.....
Stuart, James T. ....	do. ....	1,800. 00	18. 80
Sturges, Frank P. ....	do. ....	1,800. 00	.....
Suit, Frisbie T. ....	do. ....	1,800. 00	.....
Swedburg, Alfred W. ....	do. ....	1,800. 00	.....
Thackaberry, Joseph J. ....	Veterinary inspector, at \$1,800 and \$1,600. ....	1,866. 67	67. 80
Thomas, R. H. ....	Veterinary inspector, at \$1,800. ....	1,800. 00	.....
Thompson, Harry Q. ....	do. ....	1,800. 00	169. 32
Thompson, Wm. ....	do. ....	450. 00	.....
Timmerman, Herman J. ....	do. ....	1,800. 00	.....
Trenbeth, Wm. B. ....	do. ....	1,800. 00	.....
Tuck, Richard W. ....	Veterinary inspector, at \$1,800; horse hire, \$300. ....	2,100. 00	30. 67
Turnbull, Robert. ....	Veterinary inspector, at \$1,800. ....	1,795. 00	.....
Walls, A. C. ....	do. ....	1,800. 00	25. 28
Walter, Harry K. ....	do. ....	1,800. 00	121. 40
Ward, Edward K. ....	do. ....	1,800. 00	45. 80
Weihe, Walter E. ....	do. ....	1,200. 00	164. 55
West, Laomer. ....	do. ....	170. 00	17. 40
White, Thomas. ....	do. ....	1,800. 00	.....
Wight, Alex. E. ....	do. ....	1,545. 00	233. 75
Winant, Frank I. ....	do. ....	1,800. 00	.....
Wootten, Wm. C. ....	do. ....	1,800. 00	9. 18
Worcester, W. W. ....	do. ....	1,800. 00	71. 00
Wright, John B. ....	do. ....	1,800. 00	.....
Yingst, Walter H. ....	do. ....	1,800. 00	.....
Anglicker, Jacob. ....	Veterinary inspector, at \$1,600. ....	1,591. 11	105. 15
Babson, S. C. ....	do. ....	1,600. 00	32. 35
Bailey, Alfred L. ....	do. ....	1,600. 00	.....
Baker, Howard. ....	do. ....	1,599. 99	44. 62
Balmer, W. M. ....	do. ....	1,600. 00	85. 57
Bauman, E. H. ....	do. ....	1,080. 00	374. 00
Behler, Clayton R. ....	do. ....	528. 89	.....
Bender, John E. ....	do. ....	1,600. 00	9. 50
Bennett, Elwin B., jr. ....	do. ....	1,600. 00	.....
Blount, Stephen L. ....	Veterinary inspector, at \$1,600 and \$1,800. ....	1,795. 00	16. 80
Boazman, James B. ....	Veterinary inspector, at \$1,600. ....	1,591. 11	34. 05
Brady, P. J. ....	do. ....	1,600. 00	.....
Buffington, Ralph M. ....	do. ....	951. 11	.....
Bullock, Alfred D. ....	Veterinary inspector, at \$1,800 and \$1,600; horse hire, \$45. ....	1,745. 00	424. 51
Bundy, Edward A. ....	Veterinary inspector, at \$1,600. ....	1,600. 00	274. 25
Burt, James H. ....	do. ....	1,600. 00	.....
Carle, Edward C. ....	do. ....	1,560. 00	.....
Cherrington, K. G. ....	do. ....	1,600. 00	.....
Cock, James H. ....	do. ....	1,577. 77	.....
Cohenour, Wm. L. ....	do. ....	1,600. 00	.....
Conley, C. C. ....	do. ....	933. 33	.....
Conway, William T. ....	do. ....	1,600. 00	.....
Cummins, W. M. ....	do. ....	1,600. 00	58. 90
Davenport, M. L. ....	do. ....	1,600. 00	.....
Dillingham, Willis I. ....	do. ....	1,528. 89	37. 22
Drake, Francis B. ....	do. ....	1,600. 00	.....
Eagle, John G. ....	do. ....	1,600. 00	16. 42
Farley, Abraham J. ....	do. ....	1,600. 00	.....
Faunce, A. L. ....	do. ....	1,600. 00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Goff, Wesley M.	Veterinary inspector, at \$1,600 .....	\$1,600.00	\$69.55
Graham, Ralph	do.	1,600.00	.....
Greene, T. T.	do.	400.00	.....
Gregory, Marvin	Veterinary inspector, at \$1,600; horse hire, \$137.50.	1,737.50	10.80
Hays, Daniel S.	Veterinary inspector, at \$1,600 .....	1,600.00	.....
Helding, J. J. L.	do.	133.33	5.64
Herrold, Chas. H.	do.	1,600.00	.....
Holm, R. E.	do.	1,600.00	.....
Hood, Harvey B.	do.	844.44	311.15
Hoyman, Harry J.	do.	493.34	.....
Iverson, J. P.	do.	1,568.88	15.30
Johnston, Carl A.	do.	1,600.00	83.00
Jones, Thomas A.	do.	1,600.00	.....
Kampschmidt, F. L.	do.	1,555.55	.....
Knowles, Adam T.	do.	1,600.00	.....
Licking, Lewis A.	do.	1,600.00	22.55
Madson, Wm. E.	do.	373.32	.....
Marshall, Henry	do.	1,600.00	116.03
Mitchell, W. Clyde	do.	1,546.67	10.66
Murphy, Michael J.	do.	1,600.00	.....
Owens, Irvin	Veterinary inspector, at \$1,600 and \$1,800.	1,792.22	33.75
Parkerson, Chas. A., jr.	Veterinary inspector, at \$1,600 .....	1,466.66	136.30
Partlan, Thos. S.	do.	1,600.00	45.22
Perkins, C. R.	do.	1,600.00	11.84
Raban, Robert M.	do.	1,600.00	11.11
Reber, Abram N.	do.	1,600.00	.....
Roadhouse, Chester L.	do.	1,595.55	2.55
Rosekrans, Wm. R.	do.	1,600.00	.....
Ruth, Adolph	Veterinary inspector, at \$1,600 and \$1,800 ..	1,797.22	.....
Schofield, Major	Veterinary inspector, at \$1,600 .....	542.21	.....
Selby, Stephen A.	do.	1,600.00	3.02
Sevenster, John	do.	1,573.34	3.30
Smart, J. J.	do.	1,600.00	19.50
Songer, Lee C.	do.	795.56	.....
Stephens, Russell A.	do.	1,600.00	.....
Stewart, Chas. A.	do.	1,585.56	.....
Veldhuis, Zachary	do.	1,200.00	.....
Wagoner, C. O.	do.	1,600.00	31.15
Webster, John H.	do.	1,600.00	136.60
West, Wm. L.	do.	1,600.00	.....
White, Jesse H.	do.	182.22	.....
Woolfolk, Geo. H.	do.	1,600.00	127.85
Wollen, D. M.	do.	1,600.00	34.35
Ball, Harry M.	Veterinary inspector, at \$1,500 .....	750.00	.....
Hancock, H. J.	do.	1,441.67	.....
Alexander, E. V.	Veterinary inspector, at \$1,400 .....	1,238.89	.....
Allen, F. T.	do.	1,022.78	.....
Anders, Thomas O.	do.	680.55	.....
Anderson, Fred N.	do.	1,310.55	51.38
Angell, Artie B.	do.	758.33	23.32
Atherton, Wm. T.	Veterinary inspector, at \$1,400 and \$1,600.	1,566.67	23.05
Aufente, John R.	Veterinary inspector, at \$1,400 .....	1,050.00	423.35
Bair, Henry H.	do.	1,400.00	.....
Baker, Guy G.	do.	525.00	274.15
Baldwin, C. R.	do.	1,400.00	29.59
Bann, Edwin	do.	1,400.00	.....
Bardol, Wm. J.	do.	626.11	.....
Barnhart, Emmett P.	do.	933.33	.....
Barr, Albert C.	do.	1,400.00	.....
Barthold, E. W.	do.	1,400.00	.....
Beattie, Joseph G.	do.	875.01	.....
Becker, Dan C.	do.	758.33	18.35
Berdan, Augustus	do.	1,050.00	.....
Blume, Rufus B.	do.	1,400.01	19.45
Bond, Stanley L.	do.	1,400.00	35.33
Bontrager, C. F.	do.	991.66	.....
Bourne, Richard F.	do.	116.67	.....
Bowker, Glenn J.	do.	105.00	.....
Breckenridge, W. K.	do.	1,400.00	.....
Breininger, Chas. B.	do.	140.00	.....
Brimkamp, Frank F.	do.	1,400.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brook, Ralph O.	Veterinary inspector, at \$1,400	\$1,400.00	\$317.82
Bromell, Geo. W.	do	1,400.00	
Buck, John M.	do	1,400.00	1.50
Buckner, George W.	do	1,400.00	
Burke, Henry	do	1,400.00	
Burley, Arthur J.	do	758.33	4.27
Burson, Wm. M.	do	1,400.00	230.67
Bushong, Joseph P.	do	1,310.55	70.07
Butcher, James C.	do	213.89	
Butin, Geo. B.	do	933.33	
Byron, Anton E.	do	661.12	8.05
Caldwell, Geo. R.	do	1,333.89	21.75
Calph, Edward J.	do	1,400.00	62.60
Carter, Earl H.	do	1,050.00	
Caughy, James B.	do	1,400.00	
Chambers, Edgar	do	1,400.00	
Champlain, Lloyd	do	145.84	
Chase, Jesse M.	do	1,396.11	3.57
Clark, Clarence W.	do	1,400.00	28.14
Clement, Chas. B.	do	1,400.00	
Clements, Ralph L.	do	1,400.00	806.40
Cogswell, Walter K.	do	1,050.00	17.25
Cole, Guy T.	do	365.56	
Cole, Clarence G.	do	1,400.00	
Collins, Alva G.	do	105.00	
Collins, Horace R.	do	1,400.00	
Collins, Frank H.	do	1,400.00	
Colson, Chas. F.	Veterinary inspector, at \$1,400 and \$1,600.	1,516.67	15.20
Cooper, Chas. M.	Veterinary inspector, at \$1,400.	1,400.00	
Cook, Stanley C.	do	1,400.00	
Copithorn, Harry K.	do	1,337.76	81.56
Cory, Robert M.	do	1,400.00	57.75
Corwin, Thomas E.	do	758.33	28.62
Courtright, Wm. W.	do	171.10	
Cox, Walter P.	do	1,400.00	40.45
Cowles, Edward M.	do	1,400.00	
Crail, James	do	528.89	
Culbert, Robert W.	do	155.56	
Cullen, David	do	1,400.00	6.41
Curry, Hugh E.	do	58.33	
Dallas, John T.	do	1,050.00	
Daughtrey, Geo. H.	do	1,400.00	18.20
Davidson, Wm. A.	do	832.23	
Davis, Wm. F.	do	1,400.00	
Davitt, Michael H.	do	1,400.00	115.92
DeFossett, Albert J.	do	1,400.00	1.05
Dennis, Vernon A.	do	1,213.34	99.15
Denell, Bert	do	1,398.06	29.85
Dickey, Elvon S.	do	1,400.00	
Digman, Robert J.	do	140.00	
Dillahunt, Peter A.	do	672.78	
Doak, H. T.	do	1,388.34	
Dingley, Ernest C.	do	1,400.00	
Dowd, Eugene A.	do	1,022.78	
Dye, Wm. C.	do	58.33	
Eadie, John A.	do	1,400.00	
Eagle, Alexander F.	do	1,217.22	
Eagle, Wm. W.	do	1,400.00	
Eastman, Charles	do	474.44	14.35
Echols, Byron C.	do	1,166.67	107.36
Elliott, John A.	do	1,400.00	
Ellis, James E.	do	1,400.00	
English, Andrew	do	1,384.45	22.50
Evans, Albert E.	do	528.89	15.50
Evans, Calvin S.	do	1,400.00	
Fabey, John F.	do	1,400.00	
Faun, Geo. C.	do	680.56	25.65
Fauteck, L. R.	do	1,298.89	30.06
Fawcett, J. Fred	do	680.56	
Fess, F. J.	Veterinary inspector, at \$1,400 and \$1,600.	1,583.33	32.28

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fetter, George E.....	Veterinary inspector, at \$1,400.....	\$1,400.00	.....
Fitzpatrick, Arthur C.....	do.....	1,400.00	.....
Foster, F. L.....	do.....	1,396.11	\$25.46
Foster, John V.....	do.....	1,396.11	.....
Franks, J. W.....	do.....	1,400.00	23.05
Gallagher, Peter J.....	do.....	1,357.22	.....
Games, Wm. M.....	do.....	1,400.00	24.35
Gardner, Frank L.....	do.....	1,400.00	.....
Gardner, John H., jr.....	do.....	583.34	32.22
Garrett, Geo. M.....	do.....	1,026.66	.....
Gettelman, Geo. A.....	do.....	62.22	.....
Gilbert, Page L.....	do.....	1,372.78	11.87
Gilchrist, W. D.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,558.33	.....
Giltner, L. T.....	Veterinary inspector, at \$1,400.....	1,400.00	.....
Glaesyer, W. V.....	do.....	991.66	.....
Glenn, Harry H.....	do.....	482.23	.....
Gooch, Benjamin F.....	do.....	1,400.00	12.70
Golden, Geo. E.....	do.....	1,050.00	.....
Gordon, Waldron M.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,591.67	.....
Goubeand, Geo. J.....	Veterinary inspector, at \$1,400.....	1,400.00	.....
Grace, Wm. A.....	do.....	1,259.99	90.43
Greeder, Herman.....	do.....	1,400.00	19.55
Greer, John.....	do.....	233.33	.....
Grimes, Robt. B.....	do.....	233.33	.....
Grass, Jno. L.....	do.....	140.00	.....
Guilfoyle, Harold N.....	do.....	579.43	.....
Guillaume, Michael.....	do.....	1,400.00	.....
Hackett, C. N.....	do.....	1,400.00	20.69
Hackler, Henry D.....	do.....	1,388.33	.....
Hadley, Frederick B.....	do.....	283.89	1.18
Hahn, Frank G.....	do.....	1,400.00	.....
Hale, James R.....	do.....	1,127.79	9.65
Handley, Geo. A.....	do.....	626.12	11.00
Hart, Carroll P.....	do.....	1,400.00	.....
Hartman, John D.....	do.....	1,400.00	.....
Haworth, Frank E.....	do.....	1,400.00	12.15
Hecker, Frank.....	do.....	711.67	34.72
Hela, Hannes.....	do.....	1,256.11	.....
Henneberger, W. B.....	do.....	1,225.00	92.72
Henry, Michael F.....	do.....	1,400.00	.....
Herrold, Wm. C.....	do.....	1,400.00	.....
Hill, J. Bryan.....	do.....	1,400.00	8.35
Hills, John V.....	do.....	793.33	470.43
Hoberg, John.....	do.....	1,400.00	31.89
Holzman, W. R.....	do.....	1,400.00	34.53
Hope, Fred S.....	do.....	1,050.00	29.35
Huff, Logan B.....	do.....	1,400.00	.....
Huff, T. Barnett.....	do.....	140.00	.....
Hughes, Albert N.....	do.....	1,400.00	.....
Hughes, Mearl W.....	do.....	540.56	.....
Hunt, Frederick W.....	do.....	1,400.00	.....
Hunter, Wm. R.....	do.....	1,112.22	12.79
Huntsberger, S. E.....	do.....	1,333.90	.....
Hunley, Paul C.....	do.....	58.33	.....
Hutchison, John.....	do.....	58.33	.....
Huth, Otto J.....	do.....	1,400.00	.....
Hvatt, Bradford A.....	do.....	1,380.56	21.49
Igoe, Edward J.....	do.....	1,400.00	.....
Imler, F. A.....	do.....	1,400.00	21.63
Ives, Leland D.....	do.....	1,345.56	.....
James, John Alvin.....	do.....	1,400.00	42.75
James, Philip M.....	do.....	1,400.00	5.75
Jameson, Edward F.....	do.....	1,400.00	.....
Jelen, Frank.....	Veterinary inspector, at \$1,400 and \$1,600.....	1,566.67	117.89
Jenison, J. S.....	Veterinary inspector, at \$1,400.....	1,400.00	.....
Jennings, J. Ellis.....	do.....	528.89	.....
Jerome, Chas. A.....	do.....	1,400.00	.....
Jones, Louis L.....	do.....	213.89	.....
Jones, Thomas B.....	do.....	991.66	.....
Jones, Thos. H.....	do.....	1,400.00	325.92

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Joss, Jesse W.	Veterinary inspector, at \$1,400	\$1,400.00	\$5.19
Kean, Thos. J.	do.	1,400.00	
Keepers, Robert W.	do.	1,050.00	29.60
Kellogg, Clarence F.	Veterinary inspector, at \$1,400 and \$1,600.	1,583.33	21.20
Kennedy, E. D.	Veterinary inspector, at \$1,400.	1,400.00	
Kickbusch, Frank O.	do.	1,400.00	
Knowles, Virgil W.	do.	1,232.77	
Koen, Albert R.	do.	1,400.00	52.94
Koen, John S.	do.	1,400.00	
Krause, Clarence A.	do.	956.67	
Kruse, Frederick A.	do.	462.78	10.25
Lacy, Walter J.	do.	291.67	
Laddey, John V.	do.	1,400.00	
Ladson, Thomas A.	do.	1,400.00	
Lamensdorf, Charles	do.	700.00	
Lash, Elmer.	do.	1,225.00	
Leary, John W.	do.	1,050.00	
Leininger, Daniel B.	do.	1,400.00	
Leonard, Harry B.	do.	1,310.55	48.95
Lewis, Watson.	do.	1,380.56	23.45
Lindburg, O. E.	do.	1,361.11	26.65
Little, Elbert W.	do.	1,396.11	31.17
Livers, Roy C.	do.	1,400.00	
Laffer, Solomon F.	do.	1,400.00	
Loman, Fred.	do.	1,400.00	
Lombard, Charles M.	do.	140.00	
Loth, Henry	do.	1,400.00	
Lumby, Charles L.	do.	346.11	112.82
Lundell, Alvin O.	Veterinary inspector, at \$1,400 and \$1,600.	1,575.00	
Lynch, John E.	Veterinary inspector, at \$1,400.	1,400.00	
Lyon, Wm. A.	do.	1,400.00	
McBreen, P. L.	do.	680.56	31.30
McCauley, Robert A.	do.	1,259.99	
McClure, Ellis R.	do.	618.33	
McConnell, Arthur.	do.	742.78	6.25
McCoppin, Chas. R.	do.	758.33	8.75
McCray, W. E.	do.	1,380.55	
McEachran, Wm.	Veterinary inspector, at \$1,400 and \$1,600.	1,566.67	
McKibbin, David, jr.	Veterinary inspector, at \$1,400	280.00	
McLean, Wm. C.	do.	692.22	
McLeod, John C.	do.	680.56	
McMullen, Robert H.	do.	120.55	
McPhillips, William	do.	758.33	
Mackenzie, Geo. A.	do.	680.56	
Maloney, Alfred J.	do.	968.33	
Maloney, Michael J.	do.	781.67	28.82
Mansfield, Chas. M.	do.	1,400.00	
Marquardt, Samuel J.	do.	1,400.00	
Martin, James I.	do.	1,400.00	
Mower, Geo. C.	do.	1,400.00	
Mayer, Oliver C.	do.	1,400.00	15.55
Mayes, James M.	do.	1,400.00	
Megary, Joseph N., jr.	do.	1,396.11	9.30
Meyer, Philip F. R.	do.	1,365.00	35.05
Michael, Leo B.	do.	1,394.17	
Middleton, Wm. G.	do.	1,400.00	22.15
Millen, Chas. J.	do.	1,050.00	
Miller, John F.	do.	58.33	
Miner, G. H.	do.	1,400.00	
Minge, B. O.	do.	1,349.44	
Moore, Hubert O.	do.	906.12	
Mullings, Robt. M.	do.	1,400.00	147.14
Murdock, Dawson C.	do.	1,400.00	
Myers, Harry H.	do.	1,400.00	26.85
Nannery, Wm. A.	do.	668.90	
Neff, George W.	do.	1,400.00	15.81
Nelligan, Walter.	do.	1,400.00	41.95
Nelson, Conrad L.	do.	1,400.00	
Nelson, Oscar.	do.	1,400.00	1.40
Newberg, George C.	do.	1,400.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Newman, Wm. S.	Veterinary inspector, at \$1,400.	\$528.89	
Newton, Howard M.	Veterinary inspector, at \$1,400 and \$1,600.	1,575.00	
Ney, William O.	Veterinary inspector, at \$1,400.	832.23	
Norman, Alfred T.	do.	742.78	\$29.00
O'Banion, A. L.	do.	933.33	
O'Donoghue, John	do.	1,400.00	
Oldham, James S.	do.	1,283.33	56.58
Osborn, Wm. F.	do.	140.00	
Page, Saml. M.	do.	140.00	
Palmer, Lewis I.	do.	1,400.00	21.53
Payne, Chas. F.	do.	1,400.00	1.55
Peabody, H. C.	do.	307.22	
Pease, Edwin H.	do.	1,400.00	19.90
Pease, James F.	do.	105.00	
Pfaffman, George A.	do.	738.89	262.40
Plummer, Mitchell T.	do.	140.00	
Pollard, Wm. S.	do.	1,400.00	
Potratz, H. F.	Veterinary inspector, at \$1,400 and \$1,600.	1,595.00	
Potter, George M.	Veterinary inspector, at \$1,400.	738.89	389.57
Potts, Fred W.	do.	1,396.11	5.35
Predmore, G. M.	do.	1,400.00	23.70
Priest, Benjamin H.	do.	553.33	
Pritchard, Wm. T.	do.	635.83	
Purcell, John T.	do.	1,232.77	
Purdy, Roy A.	do.	680.56	
Reid, Joseph C.	do.	1,400.00	12.90
Rhoades, Marion H.	do.	1,050.00	
Rice, R. G.	do.	1,400.00	48.10
Richards, Wm. R.	do.	140.00	
Riddle, Theodore W.	do.	1,205.55	172.01
Rigdon, Frank	do.	630.00	
Robbins, Hartwell	do.	735.00	407.17
Rodibaugh, Alfred B.	do.	1,283.34	
Rodibaugh, Samuel I.	do.	1,326.10	
Rogers, Arthur B.	do.	1,359.16	14.85
Rogers, Burton, R.	do.	233.33	
Rosenberger, Guy W.	do.	1,205.55	145.30
Roser, Joseph F.	do.	1,400.00	
Rothermel, Robert O.	do.	1,400.00	
St. Clair, F. P.	do.	1,400.00	
Salinger, Arthur	do.	381.12	
Sallade, James W.	do.	1,400.00	
Sater, Clinton H.	do.	894.45	10.75
Saunders, Fred	do.	1,400.00	
Schaefer, Edward H.	do.	1,400.00	
Schmidt, John P.	do.	1,073.89	232.96
Schoening, Harry W.	do.	1,283.34	18.15
Schultz, Henry M.	do.	470.56	
Seitz, Elmer E.	do.	1,400.00	
Selby, Joseph V.	do.	1,400.00	
Shale, Harvey L.	do.	1,400.00	
Shaw, Edgar B.	do.	1,400.00	
Shaw, I. H.	do.	1,372.73	
Simcoke, Joseph O.	do.	680.56	
Simpson, Wm. H.	do.	1,392.23	
Singleton, Henry	do.	1,400.00	
Skidmore, Don I.	do.	1,400.00	
Skrable, Frank L.	do.	1,400.00	19.91
Smith, Arthur N.	do.	1,400.00	28.27
Smith, Arthur W.	do.	1,213.34	
Smith, Ernest I.	do.	1,310.55	63.30
Smith, Howard E.	do.	1,400.00	
Smith, John M.	do.	1,400.00	
Smith, Jesse P. F.	do.	1,400.00	
Smith, Wm. M.	do.	408.33	5.25
Somerville, Samuel, Jr.	do.	1,388.33	15.44
Sorrell, Walter	do.	1,209.44	104.70
Soule, Albion M. M.	do.	1,400.00	
Sowers, Harry S.	do.	1,326.11	1.70
Sparhawk, Howard H.	do.	528.89	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spear, W. H.	Veterinary inspector, at \$1,400	\$1,400.06	
Spindler, John E.	do	1,400.00	\$47.85
Spitz, Arthur	do	482.23	
Springer, Samuel E.	do	1,400.00	
Springer, Samuel M.	do	598.89	3.70
Stafford, Joseph	do	1,400.00	
Stange, Charles H.	do	89.44	
Steckel, Leopold M.	do	1,050.00	11.00
Stillwell, John D.	do	1,400.00	
Swanson, Charles A.	do	1,400.00	
Talbert, Joseph F.	do	1,400.00	4.09
Talbot, Seth P.	do	696.11	
Taylor, Paul P.	do	482.22	
Taylor, Robert E.	do	528.89	
Thomas, A. J.	do	1,400.00	.87
Thomas, George E.	do	46.67	
Thrower, John D.	Veterinary inspector, at \$1,400 and \$1,600	1,541.67	
Tillon, Harris B.	Veterinary inspector, at \$1,400	1,380.56	
Tower, Elmer E.	do	1,396.11	
Townley, Henry D.	do	1,400.00	
Treman, Walter	do	1,400.00	94.75
Trone, Winson O.	do	1,400.00	1.50
Van Allstyne, Wm. C.	do	1,400.00	208.05
Veit, William	do	1,337.77	76.90
Verduin, F. J.	do	-1,400.00	9.97
Vermillion, Rommie C.	do	132.22	
Vermilya, Ralph F.	do	1,400.00	22.48
Walch, Clemence C.	do	1,050.00	20.50
Walker, Clarence C.	do	233.33	
Walkley, Seymour J.	do	1,400.00	
Walton, Chas. M.	do	1,400.00	29.25
Ward, G. R.	Veterinary inspector, at \$1,400 and \$1,600	1,550.00	
Washburn, Leo.	Veterinary inspector, at \$1,400	1,205.55	121.77
Watkins, Robert E.	do	346.11	35.15
Weagley, C. B.	do	1,400.00	70.53
Weber, Henry S.	do	58.33	
Weeks, L. C.	do	1,400.00	23.48
Whipple, F. R.	do	280.00	
Whiting, Rex A.	do	1,400.00	
Wilbur, Bert R.	do	1,306.67	
Williams, A. J.	do	38.89	
Williams, Carl D.	do	252.78	
Williams, Jesse B.	do	1,400.00	
Willson, F. C.	do	1,380.56	34.47
Wilson, Howard C.	do	140.00	
Wright, Wm. D.	do	805.00	133.95
Yager, Eddie P.	do	797.22	536.06
Yenner, B. H.	do	1,400.00	
Young, George D.	do	1,050.00	
Zollinger, J. H.	do	1,400.00	6.18
Arnold, Thos. F.	Veterinary inspector, at \$1,200 and \$1,400	1,278.33	
Atchison, James G.	Veterinary inspector, at \$1,200	1,096.67	
Beattie, Robert S.	do	100.00	198.65
Bovers, John F.	do	1,100.00	
Boyd, Benj. W.	Veterinary inspector, at \$1,200 and \$1,400	883.89	5.60
Bingham, Francis S.	do	1,166.67	
Block, D. Eugene.	Veterinary inspector, at \$1,200	663.34	
Broadwell, John M.	do	100.00	
Brown, L. F.	Veterinary inspector, at \$1,200 and \$1,400	916.67	
Bunting, Elwood B.	Veterinary inspector, at \$1,200	950.00	
Burnett, Theodore A.	Veterinary inspector, at \$1,200 and \$1,400	1,250.00	
Carey, Harry B.	Veterinary inspector, at \$1,200	730.00	
Casey, Chas. M.	do	143.33	3.72
Collins, Daniel E.	Veterinary inspector, at \$1,200 and \$1,400	1,350.00	
Collom, William B.	Veterinary inspector, at \$1,200	500.00	
Craven, Evert C.	Veterinary inspector, at \$1,200 and \$1,400	993.89	
Cravens, Lewis H.	Veterinary inspector, at \$1,200	396.67	
Dade, J. S.	do	330.00	
Daugherty, W. A.	do	500.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Davis, Benjamin F.	Veterinary inspector, at \$1,200 and \$1,400.	\$926.66	
Dorney, Albert H.	Veterinary inspector, at \$1,200.	400.00	
Drummond, Robert H.	do.	146.67	
Dunn, Charles W.	Veterinary inspector, at \$1,200 and \$1,400.	1,121.67	\$77.25
Dunn, Louis J.	Veterinary inspector, at \$1,200.	550.00	
Edwards, Warren T.	do.	543.33	46.32
Emmitt, Otto.	Veterinary inspector, at \$1,200 and \$1,400.	1,303.33	5.85
Fauks, Carl H.	Veterinary inspector, at \$1,200.	873.34	
Ferley, John T.	do.	660.00	
Fernyhough, R. E.	do.	750.00	
Gaston, John T.	Veterinary inspector, at \$1,200 and \$1,400.	1,193.89	18.11
Giles, Wm. W.	Veterinary inspector, at \$1,200.	180.00	
Grafke, Harry.	Veterinary inspector, at \$1,200 and \$1,400.	1,266.67	
Hart, Clarence E.	do.	916.11	
Harte, Charles H.	do.	1,022.23	
Hattery, Morton.	do.	1,358.33	
Hedley, Clarke.	do.	1,358.33	28.80
Henley, Robert E.	Veterinary inspector, at \$1,200.	170.00	
Henrickson, Henry J.	do.	450.00	
Hill, M. V.	do.	500.00	
Hogan, Edwin A.	Veterinary inspector, at \$1,200 and \$1,400.	1,308.33	
Huebschmann, John.	do.	1,108.89	
Humphrey, E. H.	do.	1,350.00	
Ingram, S. R.	do.	1,308.33	4.00
Jansman, Edward B.	do.	1,355.00	
Johnson, A. F.	do.	1,383.34	
Johnson, Edward P.	Veterinary inspector, at \$1,200.	1,096.67	
Johnston, S. H.	Veterinary inspector, at \$1,200 and \$1,400.	1,350.55	
Johnston, G. A.	Veterinary inspector, at \$1,200.	450.00	
Jackniess, Paul.	Veterinary inspector, at \$1,200 and \$1,400.	1,350.00	
Kay, Gustave A.	do.	1,350.00	
Kingsland, J. C.	do.	1,193.34	
Kinter, Joseph B.	do.	1,383.34	
Korfagen, Harry J.	do.	1,350.00	9.75
Laden, James F.	Veterinary inspector, at \$1,200.	490.00	
La Rue, Edgar N.	do.	305.00	
Lauman, Fred J.	Veterinary inspector, at \$1,200 and \$1,400.	1,213.33	
McColum, Peter L.	Veterinary inspector, at \$1,200.	690.00	2.77
McCoy, Ellis F.	do.	180.00	
McKenney, Ashton D.	do.	750.00	
McLeod, Edward J.	do.	673.33	6.82
Mabie, Thos. A.	do.	366.67	
Mayer, Henry N.	Veterinary inspector, at \$1,200 and \$1,400.	1,350.00	
Mendenhall, M. H.	do.	1,354.44	
Miller, T. I.	Veterinary inspector, at \$1,200.	496.67	
Mollan, P. A.	Veterinary inspector, at \$1,200 and \$1,400.	1,308.33	12.55
Moloney, James J.	Veterinary inspector, at \$1,200.	600.00	
Moyer, Oliver R.	Veterinary inspector, at \$1,200 and \$1,400.	1,283.34	
Murphy, Joseph W.	do.	1,260.55	80.53
Mutziger, George J.	do.	859.45	
Myers, Henry H.	do.	1,350.00	
Norris, Clarence L.	do.	1,146.38	16.35
Olsen, O. C.	Veterinary inspector, at \$1,200.	496.67	
Parker, Julian J.	Veterinary inspector, at \$1,200 and \$1,400.	1,190.55	162.53
Peabody, Chas. H.	do.	1,308.33	
Pearson, Albert A.	do.	1,350.00	15.00
Peck, Edwin J.	do.	1,073.89	
Pohl, Emil.	do.	1,307.23	5.97
Prather, E. M.	do.	1,261.66	
Prien, Otto L.	Veterinary inspector, at \$1,200.	300.00	
Reasner, Wm. F.	do.	26.67	
Reinert, Daniel E.	do.	750.00	
Renter, Walter W.	Veterinary inspector, at \$1,200 and \$1,400.	1,396.12	8.95
Robertson, Andrew.	Veterinary inspector, at \$1,200.	300.00	
Rockwell, C. S.	Veterinary inspector, at \$1,200 and \$1,400.	1,280.01	
Roneche, Ross C.	do.	1,350.00	
Rozell, Wm. O.	do.	1,214.43	
Ruth, Erwin C.	do.	1,260.55	20.09
Schloemer, August.	do.	1,267.78	10.55

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Settle, David E.	Veterinary inspector, at \$1,200 and \$1,400.	\$1,006.12	\$41.15
Shaffer, F. W.	Veterinary inspector, at \$1,200.	50.00	
Shenck, S. K.	Veterinary inspector, at \$1,200 and \$1,400.	1,055.56	
Sherman, J. P.	Veterinary inspector, at \$1,200.	1,076.67	
Silver, Oscar.	do.	700.00	
Smith, Henry V.	Veterinary inspector, at \$1,200 and \$1,400.	1,283.34	
Snyder, Simon S.	Veterinary inspector, at \$1,200.	693.33	
Somers, J. P.	Veterinary inspector, at \$1,200 and \$1,400.	1,358.33	
Stahl, G. C.	Veterinary inspector, at \$1,200.	893.33	
Stever, Arthur C.	Veterinary inspector, at \$1,200 and \$1,400.	586.11	576.73
Sullivan, Walter A.	do.	1,350.00	26.11
Taylor, Albert M.	do.	981.10	
Thornton, E. L.	do.	1,031.10	
Treloar, Delbert C.	Veterinary inspector, at \$1,200.	143.33	
Tyler, Walter.	Veterinary inspector, at \$1,200 and \$1,400.	1,098.33	
Veenstra, John Y.	do.	1,308.33	5.25
Walmer, Morris H.	do.	1,350.00	
Watkins, Spencer E.	Veterinary inspector, at \$1,200.	496.67	
Weaver, Wm. P.	do.	423.33	
Williams, Herbert S.	do.	343.33	4.55
Williams, Mark D.	do.	475.00	
Yard, W. W.	do.	273.33	
Yoder, E. C.	Veterinary inspector, at \$1,200 and \$1,400.	1,350.00	
Hansen, Ingild.	Collaborating veterinary inspector, at \$5 per month.	55.16	
Beamont, Edward V.	Inspector's assistant, at \$840.	95.67	
Cameron, Adrian L.	do.	140.00	
Leaf, Roy.	do.	84.00	
Lotz, Perry J.	do.	175.00	
Plemister, Benj. F.	do.	128.33	
Thorpe, Ira.	do.	133.00	
Tiedeman, Wm.	do.	182.00	
Voils, James W.	do.	182.00	
Butler, Tait.	Expert member of committee on veterinary education, at \$10 per diem.	450.00	470.19
Fischer, Paul.	do.	440.00	417.04
Hughes, Joseph.	do.	350.00	282.41
Lyman, Richard P.	do.	360.00	237.76
Hoagland, Ralph.	Expert assistant in analytical chemistry and laboratory inspector, at \$1,800.	1,800.00	49.50
Graham, Alex E.	Chemist and laboratory inspector, at \$1,700.	1,492.21	
Boyer, E. A.	Chemist, at \$1,400.	1,400.00	
Smith, Wm. B.	do.	1,400.00	
Roop, Archer H.	Laboratory inspector, at \$1,600.	1,600.00	
Colvin, Will P.	Laboratory inspector, at \$1,200.	1,200.00	
Hardesty, Francis D.	Laboratory assistant, at \$1,000.	388.89	
Munro, Joseph B.	do.	250.00	
Powick, Wilmer C.	do.	750.00	
Costi, Jos. A.	Laboratory assistant, at \$600 and \$840.	680.00	29.71
Littlejohn, H. I.	Laboratory assistant, at \$840.	455.00	
Tunstall, Jennie.	Assistant microscopist, at \$600.	450.00	
Williams, Mary E.	Assistant microscopist, at \$2.10 per diem.	634.20	
Swanger, Chas. H.	Scientific assistant, at \$1,600.	1,600.00	
Marsh, C. T. N.	Scientific assistant, at \$1,200.	1,200.00	
Walsh, Wm. P.	Special agent, at \$6 per diem.	276.00	454.48
Byers, John D.	Expert assistant in meat inspection, at \$1,400.	1,400.00	107.53
Shiells, Hugh.	Expert assistant in meat inspection, at \$1,400, meat inspector, at \$1,200, and foreman of meat inspectors, at \$1,200.	1,266.66	93.08
Behrens, Alfred D.	Meat inspector, at \$1,400.	1,400.00	730.57
Brackin, Peter J.	do.	933.34	
Lee, Frank P.	do.	1,400.00	299.63
Benjamin, Frank E.	Meat inspector, at \$1,200.	1,200.00	132.68
Borden, John J.	do.	1,200.00	
Burns, Edward J.	do.	1,200.00	59.53
Campbell, Pearl W.	do.	1,200.00	37.26
Cervantes, A. A.	Meat inspector, at \$1,200 and \$1,000.	1,116.67	75.05
Cornyn, John J.	Meat inspector, at \$1,200.	1,200.00	
Crow, H. M.	do.	1,200.00	59.80
Desmond, T. J.	do.	1,200.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Funke, Charlie.....	Meat inspector, at \$1,200.	\$1,200.00	
Garbi, Louis, sr.....	do	1,200.00	\$61.36
Gibson, James.....	do	1,200.00	106.08
Herrick, Henry B.....	do	1,200.00	97.90
Hopkins, Percy R.....	do	1,200.00	148.95
Hughes, James F.....	do	1,200.00	134.89
Hurley, John.....	do	1,200.00	74.24
Hyland, Wm.....	do	713.34	
Jackson, Freeman H.....	do	1,200.00	201.35
McCarty, W. F.....	do	1,200.00	64.85
Miller, Frederick.....	do	1,200.00	
Munn, John E.....	do	1,200.00	20.90
Ramsdell, Harry R.....	do	1,200.00	228.82
Rathman, Fred J.....	do	1,200.00	82.95
Riemer, J. F.....	do	1,200.00	102.10
Stephens, James F.....	do	1,200.00	6.40
Tindall, W. S.....	do	1,200.00	57.90
Abbe, Clarence M.....	Meat inspector, at \$1,000.	1,000.00	17.90
Abbott, Everett W.....	do	1,000.00	5.09
Abraham, Jacob.....	do	577.77	
Ackerknecht, C. A.....	Meat inspector, at \$1,000, and foreman of meat inspectors, at \$1,200.	1,133.33	73.09
Adams, Charles.....	Meat inspector, at \$1,000.	1,000.00	
Adams, Wm. H.....	do	1,000.00	
Albert, Frank A. B.....	do	1,000.00	13.64
Alden, Chas.....	do	1,000.00	
Alexander, Wm. S.....	do	1,000.00	
Allan, James A.....	do	1,000.00	
Allcutt, C. T.....	do	1,000.00	10.89
Allen, Jeremiah S.....	do	1,000.00	
Allott, L. J.....	do	1,000.00	
Andreas, Oscar.....	do	1,000.00	
Andrews, Thomas A.....	do	1,000.00	61.25
Angel, John F.....	do	994.45	
Anthony, Geo. A.....	do	977.78	50.62
Anthony, James R.....	do	998.61	
Apperson, Joseph E.....	do	1,000.00	
Archer, Edward A.....	do	640.28	
Arnett, James B.....	do	1,000.00	67.10
Arnold, Raymond.....	do	1,000.00	
Ashcroft, Wm. M.....	do	1,000.00	9.74
Atwell, Frank M.....	do	1,000.00	
Auer, Chas. T.....	do	1,000.00	
Augusterfer, J. A.....	do	627.77	
Aulds, Thomas.....	do	933.33	
Avey, Jesse J.....	do	1,000.00	
Bagby, E. E.....	do	597.22	
Bailey, I. H.....	do	1,000.00	
Bailey, Wm. S.....	do	1,000.00	
Bain, William C.....	do	291.67	
Baker, Troy H.....	do	1,000.00	
Ballantine, John.....	do	1,000.00	
Balliet, Edward R.....	do	602.77	
Banker, Richard R.....	do	1,000.00	
Barnaby, Emory F.....	do	1,000.00	
Barr, Walter S.....	do	1,000.00	
Barranger, Jos. E.....	do	827.78	
Barry, Patrick T.....	do	1,000.00	
Barry, Wm. F.....	do	416.67	
Barshfield, H. R.....	do	772.22	
Bateman, Roy L.....	do	1,000.00	
Bauer, John M.....	do	1,000.00	
Bauer, Michael.....	do	1,000.00	
Baumeister, Gustav.....	do	1,000.00	
Bayler, Theo. M.....	do	1,000.00	
Beatty, Wm. A.....	do	1,000.00	
Beaudette, Horace F.....	do	1,000.00	
Bechtel, Charley O.....	do	1,000.00	
Beck, Everett W.....	do	1,000.00	
Beck, Jacob.....	do	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bell, Edward A.	Meat inspector, at \$1,000.	\$1,000.00	
Bennett, John	do.	1,000.00	
Benninger, Fred C.	do.	1,000.00	
Benson, Robert	do.	1,000.00	
Bent, Peter J.	do.	638.90	
Berry, Oliver W.	do.	1,000.00	
Best, Wm. T.	do.	22.22	
Bestwick, Francis T.	do.	1,000.00	
Bevins, Joseph F.	do.	1,000.00	
Blowers, William J.	do.	1,000.00	
Blundell, Wm. L.	do.	1,000.00	
Boals, Thomas M.	do.	980.55	
Boatman, Clay	do.	1,000.00	
Bce'lm, H. A.	do.	1,000.00	
Boehm, Joseph H.	do.	994.44	
Bolden, R. E.	do.	1,000.00	
Bowman, Joseph R.	do.	63.89	
Boyd, Robert.	do.	1,000.00	
Boyle, Chas. F.	do.	1,000.00	\$4.65
Boyle, Herman E.	do.	1,000.00	
Boyle, James.	do.	1,000.00	
Boyle, Oscar S.	do.	1,000.00	
Boyle, Thomas H.	do.	1,000.00	13.15
Breakay, James J.	do.	961.11	
Bremmer, Earl L.	do.	5.56	
Brennan, Anthony P.	do.	1,000.00	11.43
Bischof, Julius	do.	990.29	
Bird, Frank J.	do.	933.34	
Birce, Joseph.	do.	998.61	11.30
Billington, Wm. J.	do.	1,000.00	
Birce, George.	do.	1,000.00	
Blake, Walter H.	do.	1,000.00	
Blakley, David.	do.	974.30	
Bleistein, Wm. F.	do.	1,000.00	
Brennan, Michael J.	do.	958.34	
Brennan, Thos. A.	do.	1,000.00	
Breslin, Thos. H.	do.	44.44	
Brockhoff, Fredk.	do.	1,000.00	29.35
Brokenshar, Benj.	do.	1,000.00	
Brooks, Jno. W.	do.	330.56	3.97
Brooks, Williard H.	do.	1,000.00	
Brophy, James J.	do.	922.23	
Brown, George S.	do.	1,000.00	105.86
Brown, James L.	do.	1,000.00	
Brown, Robert E.	do.	1,000.00	
Brown, Richard H.	do.	516.66	
Brown, Thomas P.	do.	994.44	
Browne, Wm. F.	do.	1,000.00	
Bruce, John G.	do.	1,000.00	
Bruce, Philip H.	do.	1,000.00	
Bryan, Walter N.	do.	1,000.00	
Bryant, Levi	do.	1,000.00	
Buckley, M. J.	do.	1,000.00	86.90
Bucknam, Geo. H.	do.	1,000.00	
Bucknam, Wm. D.	Meat inspector, at \$1,000, and foreman of meat inspectors, at \$1,200.	1,133.33	99.28
Bugele, George T.	Meat inspector, at \$1,000.	1,000.00	
Bull, F. A.	do.	1,000.00	
Burbank, Thomas H.	do.	1,000.00	
Burcham, Devirda H.	do.	1,000.00	
Burchill, George D.	do.	1,000.00	4.80
Burkin, Charles F.	do.	1,000.00	
Burns, Daniel.	do.	916.67	
Burroughs, J. W.	do.	1,000.00	
Busch, John F.	do.	1,000.00	
Busteed, Henry W.	do.	1,000.00	
Byrnes, Peter J.	do.	1,000.00	
Byron, Wm. J.	do.	1,000.00	25.00
Callahan, Andrew T.	do.	1,000.00	
Callahan, John J.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Campbell, Chas. M.	Meat inspector, at \$1,000.	\$997.22	
Canniff, John	do.	1,000.00	
Canty, Patrick E.	do.	997.22	
Carbray, John	do.	1,000.00	
Carey, Jeremiah J.	do.	966.66	
Carey, Patrick L.	do.	1,000.00	
Carlgren, Chas. E.	do.	1,000.00	
Caron, Emery	do.	1,000.00	
Carpenter, Albert H.	do.	1,000.00	
Carrigan, James M.	do.	991.66	
Carroll, Edward M.	do.	1,000.00	
Cartmill, Lewis J.	do.	1,000.00	\$26.80
Carver, Edward S.	do.	1,000.00	
Carver, Patrick P.	do.	1,000.00	
Casey, Charles	do.	997.22	
Casey, Robt. M.	do.	1,000.00	
Casey, Thos. A.	do.	1,000.00	
Cassery, Timothy	do.	1,000.00	55.60
Chapman, W. A.	do.	1,000.00	
Cherniss, David B.	do.	1,000.00	
Ciha, Albert	do.	766.67	
Clancy, S. J.	do.	997.23	
Clark, Ed H.	do.	1,000.00	
Clark, Geo. E.	do.	1,000.00	
Clohessey, Edwin J.	do.	1,000.00	37.65
Cole, Charles C.	do.	1,000.00	
Collier, William P.	do.	1,000.00	
Collins, Patrick (1).	do.	1,000.00	
Collins, Patrick (2).	do.	1,000.00	
Conklin, William D.	do.	1,000.00	22.83
Condon, Peter J.	do.	1,000.00	
Connors, John J.	do.	516.66	
Connor, Michael O.	do.	1,000.00	
Connelly, Alonzo	do.	1,000.00	
Conmee, William J.	do.	1,000.00	6.95
Conway, Patrick J.	do.	788.89	
Cook, Elisha B.	do.	1,000.00	
Coppock, David M.	do.	1,000.00	3.30
Corcoran, Patrick J.	do.	1,000.00	
Cormack, Daniel A.	do.	875.00	
Costello, M. J.	do.	1,000.00	
Cossar, Geo. R.	do.	1,000.00	
Cowan, Joseph	do.	1,000.00	
Crahan, Thomas W.	do.	988.89	8.80
Crاندall, Homer E.	do.	997.23	
Crawford, John W.	do.	1,000.00	
Crayne, Charles E.	do.	1,000.00	112.80
Crean, Michael	do.	994.45	13.62
Cregg, Patrick	do.	25.00	
Creighton, Frank	do.	1,000.00	
Creighton, George	do.	1,000.00	
Cronin, John J.	do.	1,000.00	
Crook, John J.	do.	772.22	
Crosby, Joseph A.	do.	294.44	
Crowley, John T.	do.	1,000.00	
Crowley, Timothy M.	do.	1,000.00	
Crumbaugh, L. W.	do.	627.78	
Cummings, James H.	do.	997.22	10.30
Cummins, Daniel G.	do.	1,000.00	
Cundy, George B.	do.	447.22	
Cunningham, B. J.	do.	1,000.00	
Curless, U. S. G.	do.	1,000.00	7.90
Curran, Joseph J.	do.	1,000.00	
Curran, Patrick J.	do.	891.67	
Curran, Thomas	do.	1,000.00	
Curry, Clarence	do.	416.67	
Daley, Dennis J.	do.	1,000.00	
Daley, James A.	do.	994.45	
Daly, Wm. H.	do.	1,000.00	
Daly, Joseph J.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Daly, John J.	Meat inspector, at \$1,000.	\$1,000.00	
Danner, Henry G.	do.	997.23	
Dasback, Harry A.	do.	1,000.00	
Davis, Warren H.	do.	1,000.00	
Davis, William R.	do.	1,000.00	
De Bow, James F.	do.	1,000.00	
Decker, John W.	do.	1,000.00	
Dengler, Chas. L.	do.	1,000.00	
Dennis, Jesse T.	do.	1,000.00	
Devany, Thomas.	do.	1,000.00	
Dickey, George E.	do.	1,000.00	
Dinkelberg, Philip J.	do.	1,000.00	
Dischner, Henry.	do.	1,000.00	
Dischner, John E.	do.	1,000.00	
Dixon, Frank J.	do.	1,000.00	
Dixon, Frank T.	do.	1,000.00	
Dixon, Joseph C.	do.	1,000.00	
Dobler, Robert J.	do.	1,000.00	
Doherty, Patrick H.	do.	1,000.00	
Doherty, Richard.	do.	391.67	
Domnosky, H. G.	do.	1,000.00	
Donahue, Walter J.	do.	991.66	
Donnellan, Thomas.	do.	1,000.00	
Donnelly, Samuel J.	do.	987.23	
Donovan, James E.	do.	1,000.00	
Donovan, John P.	do.	1,000.00	
Doody, Wm. E.	do.	513.89	\$4.54
Dougherty, Frank P.	do.	187.49	
Doyle, James C.	do.	1,000.00	64.75
Doyle, John F.	do.	1,000.00	
Doyle, Patrick F.	do.	1,000.00	
Drout, James E.	do.	1,000.00	
Drown, Chas. S.	do.	983.34	
Duclos, Alfred E.	do.	1,000.00	
Duffin, James.	do.	541.67	
Duffy, John L.	do.	180.55	2.50
Dunger, Claude V.	do.	858.34	
Durfor, Walter.	do.	1,000.00	
Dwyer, Frank H.	do.	1,000.00	
Dykstra, Frank J.	do.	1,000.00	47.25
Eddy, Arthur F.	do.	1,000.00	
Edinger, Harry L.	do.	1,000.00	
Egan, Henry J.	do.	1,000.00	
Eisenmenger, L. A.	do.	1,000.00	
Eikenkotter, E. A.	Meat inspector, at \$1,000 and \$1,200.	627.78	24.70
Elledge, Charles.	Meat inspector, at \$1,000.	1,000.00	
Emerick, George A.	do.	1,000.00	1.77
Erler, Gustav A.	do.	1,000.00	
Espenlaub, David F.	do.	880.55	
Espey, Ora E.	do.	733.33	
Esslinger, E. F. G.	do.	1,000.00	
Evans, John G.	do.	416.67	
Evans, Timothy J.	do.	186.10	
Ewald, Edward W.	do.	413.18	
Ewing, Allen J.	do.	694.45	
Eyre, Will H.	do.	1,000.00	
Eyssen, Wm. P.	do.	1,000.00	
Fagan, Thomas W.	do.	1,000.00	
Fair, Joseph F.	do.	1,000.00	
Falk, William.	do.	994.44	72.32
Fallon, John.	do.	19.44	
Farthing, Clyde L.	do.	1,000.00	
Fassbender, F. H.	do.	1,000.00	
Faul, Frank J.	do.	1,000.00	
Faunce, Charles S.	do.	1,000.00	
Feeney, John F.	do.	463.88	
Fegan, James.	do.	1,000.00	58.38
Feick, Henry.	do.	916.67	26.00
Feicker, Paul.	do.	708.34	
Fein, John H.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rata.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fennell, C. A.	Meat inspector, at \$1,000.	\$1,000.00	.....
Ferguson, R. B.	do.	1,000.00	\$77.80
Ferrin, Chas. A.	do.	919.44	.....
Finnegan, Patrick	do.	1,000.00	.....
Finnegan, Peter J.	do.	1,000.00	26.25
Fischbeck, Wm. F.	do.	1,000.00	.....
Fish, Chas. S. B.	do.	997.22	.....
Fisher, Herbert M.	do.	65.96	.....
Fisk, Manuel.	do.	325.00	.....
Fitz Gerald, J. H.	do.	708.32	7.10
Fitzgerald, J. J.	do.	1,000.00	.....
Fitzgerald, M. J.	do.	1,000.00	.....
Fitzpatrick, J. A.	do.	994.45	.....
Flaitz, Chas. W.	do.	1,000.00	.....
Flannagan, Frank J.	do.	1,000.00	.....
Flege, Louis W.	do.	972.23	.....
Fleischhauer, Hugo.	do.	1,000.00	32.33
Fletcher, G. C.	do.	1,000.00	.....
Flory, Art.	Meat inspector, at \$1,000 and \$1,200.	1,125.00	.....
Flynn, James J.	Meat inspector, at \$1,000.	1,000.00	.....
Foley, Daniel F.	do.	1,000.00	.....
Folmer, H. Clayton	do.	1,000.00	.....
Follmer, V. E.	do.	1,000.00	.....
Folster, Fred W.	do.	1,000.00	.....
Ford, A. W.	do.	1,000.00	.....
Ford, Daniel A.	do.	250.00	.....
Foreman, Will.	do.	916.67	.....
Fortner, Wm. W.	do.	1,000.00	.....
Fortune, Jno. J.	do.	1,000.00	.....
Foster, John E.	do.	1,000.00	.....
Foster, W. F.	do.	1,000.00	.....
Frank, Chas. A.	do.	1,000.00	.....
Frankel, Max C.	do.	272.22	.....
Franzman, Peter A.	do.	1,000.00	.....
Frazer, Harry L.	do.	830.55	.....
French, Alexander W.	do.	1,000.00	.....
Frett, Peter W.	do.	994.45	.....
Frey, Ferdinand.	do.	1,000.00	.....
Fritsch, Fred J.	do.	1,000.00	17.80
Fuchs, Ignatz.	do.	766.67	.....
Fulmer, Samuel C.	do.	1,000.00	.....
Gagner, Alex L.	do.	997.22	6.35
Galbreath, C. H.	do.	933.33	.....
Gall, August.	do.	1,000.00	1.27
Gallagher, H. J., Jr.	do.	1,000.00	.....
Gallagher, James E.	do.	1,000.00	.....
Gannon, Joseph.	do.	1,000.00	.....
Garahan, Joseph.	do.	416.67	.....
Garland, James T.	do.	1,000.00	17.49
Garrett, Wm. J.	do.	44.44	.....
Garrigan, John W.	do.	997.22	.....
Garrity, M. H.	do.	1,000.00	.....
Gaunt, Samuel M.	do.	997.23	.....
Geddes, Geo. E.	do.	241.67	.....
Geertsema, B. H.	do.	970.83	1.77
Gehring, Karl F.	do.	44.44	.....
Gent, Alfred G.	do.	330.56	.....
George, Edward.	do.	1,000.00	.....
Gibson, Thos. H.	do.	1,000.00	70.88
Gidney, Charles A.	do.	1,000.00	.....
Gidney, Walter M.	do.	1,000.00	.....
Gibson, Charlie R.	do.	1,000.00	18.70
Gilmore, Harry B.	do.	224.99	.....
Girten, J. P.	do.	61.11	.....
Gladden, George E.	do.	772.22	.....
Glenn, Perry C.	do.	1,000.00	.....
Godbout, Medrie.	do.	250.00	.....
Gordon, Harris F.	do.	1,000.00	8.25
Gore, Thomas.	do.	1,000.00	.....
Gorman, James.	do.	952.78	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gorman, John J.	Meat inspector, at \$1,000.	\$997.22	
Gossi, Balthasar	do	1,000.00	
Gowe, Clarence B.	do	1,000.00	
Grace, Frank D.	do	1,000.00	
Græbner, Geo. S.	do	1,000.00	
Graham, Harry A.	do	1,000.00	
Graham, Leroy B.	do	1,000.00	
Green, Francis P.	do	980.56	\$20.35
Greene, Arthur W.	do	1,000.00	
Greene, Joseph T.	do	411.12	17.10
Greenlaw, Walter A.	do	1,000.00	
Gregory, Charles A.	do	1,000.00	5.47
Grier, Robt. G.	do	1,000.00	
Grimes, Edw. B.	do	1,000.00	
Grimm, Chas. H.	do	1,000.00	29.69
Grother, Wm. J.	do	1,000.00	
Gruner, J. Peter	do	1,000.00	
Grunewald, C. L.	do	1,000.00	
Gsell, Anton G.	do	1,000.00	8.85
Guerin, Michael J.	do	1,000.00	
Guy, Thomas	do	916.67	
Haas, Charles C.	do	1,000.00	
Hacker, Charles	do	1,000.00	
Hafner, George	do	1,000.00	
Hall, Thos. E.	do	1,000.00	
Hall, Willard W.	do	1,000.00	
Hallett, R. C.	do	1,000.00	
Hamilton, Andrew	do	1,000.00	
Hancock, John	do	1,000.00	
Hand, Harry E.	do	1,000.00	
Handren, J. S.	do	600.00	
Hans, John W.	do	1,000.00	
Hansen, C. N.	do	836.11	
Hansen, John Henry	do	1,000.00	
Hanson, Adolph C.	do	39.56	
Hardy, Thomas R.	do	1,000.00	
Harms, Jas. F.	do	872.23	
Harrington, T. H.	do	1,000.00	
Harris, John H.	do	1,000.00	16.75
Larris, John M.	do	1,000.00	
Hartman, Max R.	do	1,000.00	
Haskins, Geo. A.	do	1,000.00	
Hatch, John W.	do	1,000.00	
Haug, Charles H.	do	1,000.00	
Haupt, John A.	do	997.22	7.60
Hawkins, Charles O.	do	1,000.00	
Hawthorne, J. J.	do	1,000.00	
Hayes, Michael J.	do	1,000.00	34.30
Hayward, Warren L.	do	1,000.00	
Heck, Henry M.	do	1,000.00	
Heffer, Richard A.	do	1,000.00	
Heiss, John G. H.	do	397.23	
Hellmuth, Martin	do	1,000.00	
Helm, John G.	do	1,000.00	
Hempy, Oliver P.	do	1,000.00	
Henderson, Frank	do	981.95	15.30
Henry, Frank T.	do	191.66	
Hergt, Fredk. W.	do	947.23	
Hern, Fred	do	1,000.00	
Hervey, Wm. E.	do	1,000.00	
Herz, Ludwig A.	do	983.33	
Herzberg, Fred	do	561.11	
Hesser, W. H.	do	1,000.00	
Hieatzman, Albert M.	do	416.66	5.65
Higbie, Weston	do	1,000.00	
Higgins, Daniel J.	do	313.87	
Hilgert, Theo. T.	do	1,000.00	
Hill, Eli E.	do	1,000.00	
Hilsman, Rudolph F.	do	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hirschel, Isaak.	Meat inspector, at \$1,000.	\$838.90	-----
Hoag, Marion A.	do.	1,000.00	-----
Hoar, John M.	do.	1,000.00	\$56.50
Hobbs, Samuel P.	do.	933.34	27.85
Hodgen, Robert E.	do.	997.23	-----
Hoelzle, Elmer G.	do.	994.45	-----
Hoffer, Henry.	do.	1,000.00	-----
Hoffheimer, I. N.	do.	1,000.00	-----
Hogan, Thomas F.	do.	938.89	31.70
Hogan, Thos. L.	do.	1,000.00	-----
Holmes, Daniel.	do.	1,000.00	-----
Holmes, Matthew M.	do.	558.33	-----
Honnald, Nathan F.	do.	44.44	-----
Hoopman, Ludwig.	do.	905.55	-----
Hopkins, J. D.	do.	1,000.00	-----
Horgan, Patrick.	do.	1,000.00	-----
Horn, M. J.	do.	1,000.00	42.72
Houghton, Thos. A.	do.	658.33	-----
Hovey, Silas B.	do.	1,000.00	-----
Howard, Clarence R.	do.	1,000.00	-----
Howe, Arthur L.	do.	694.45	-----
Howlett, Louis H.	do.	1,000.00	-----
Hudson, Frank E.	do.	997.23	-----
Hueben, Frank W.	do.	1,000.00	-----
Huggins, Roy.	do.	1,000.00	-----
Hult, Oscar G.	do.	1,000.00	-----
Humbert, Geo. W.	do.	884.71	-----
Humphrey, John R.	do.	291.67	-----
Hunter, James H.	do.	886.11	-----
Hurley, Daniel P.	do.	1,000.00	2.85
Hurt, Wm. A.	do.	1,000.00	-----
Hutton, Aubrey T.	do.	1,000.00	-----
Hyatt, F. A.	do.	1,000.00	-----
Hyde, Chas. W.	do.	1,000.00	-----
Hyde, Patrick H.	do.	1,000.00	-----
Hydrick, Geo. L.	do.	1,000.00	62.74
Jackson, Bert C.	do.	199.99	-----
Jackson, Walter.	do.	1,000.00	-----
Jacobs, Emery A.	do.	997.23	-----
Jacobus, Fred H.	do.	1,000.00	-----
Jahnke, John.	do.	497.23	-----
James, Ernest R.	do.	998.61	-----
James, Robert L.	do.	416.67	-----
James, Walter L.	do.	480.56	-----
Jennings, John R.	do.	916.67	-----
Jennings, W. E.	Meat inspector, at \$1,200.	1,200.00	76.70
Jensen, Carl R.	Meat inspector, at \$1,000.	1,000.00	-----
Jentoft, Fredk. E.	do.	1,000.00	-----
Jerome, Lawrence R.	do.	1,000.00	-----
Jeselsohn, Ralph.	do.	1,000.00	.97
Johnson, Arthur O.	do.	1,000.00	-----
Johnson, Nathan H.	do.	1,000.00	-----
Jones, Albert.	do.	1,000.00	-----
Jones, David.	do.	497.23	-----
Jones, Geo. H.	do.	858.33	-----
Jourdan, E. M.	do.	1,000.00	-----
Joyce, Thomas.	do.	198.60	-----
Kahdeman, R. P.	do.	1,000.00	-----
Kallen, Meyer.	do.	250.00	-----
Kaltwasser, Frank.	do.	1,000.00	18.70
Kastner, John F.	do.	691.67	-----
Kaufmann, Siegfried.	do.	1,000.00	-----
Kavanagh, B.	do.	1,000.00	-----
Kavanagh, Peter.	Meat inspector, at \$1,000 and \$1,200.	686.11	-----
Kearns, Herbert F.	Meat inspector, at \$1,000.	1,000.00	-----
Keating, John J.	do.	997.22	-----
Keating, Wm.	do.	1,000.00	-----
Keeffe, David J.	do.	1,000.00	-----
Keinath, Chas. F.	do.	869.45	-----

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kelleher, Daniel J.	Meat inspector, at \$1,000	\$402.77	
Kelly, E. J.	do.	680.56	
Kelly, Peter F.	do.	1,000.00	\$4.39
Kelly, Wm. T.	do.	1,000.00	
Kelting, Henry C.	do.	1,000.00	
Kenneally, James	do.	1,000.00	
Kennedy, Henry D.	do.	1,000.00	
Kennedy, John A.	do.	1,000.00	33.40
Kennedy, James W.	do.	1,000.00	
Kenney, M. J.	do.	974.99	
Kenny, Patrick	do.	1,000.00	
Keough, Timothy A.	do.	980.56	
Kern, Conrad	do.	1,000.00	
Kern, John	do.	1,000.00	
Kerr, Chas. L. E.	do.	1,000.00	
Kessler, Wm. A.	do.	1,000.00	
Kiely, Daniel B.	do.	1,000.00	
Kilanoski, Saml. P.	do.	1,000.00	9.35
Killoran, John J.	do.	997.22	
Kindergan, James P.	do.	1,000.00	
King, Alfred A.	do.	855.56	
King, Herbert J.	do.	1,000.00	
Kirkpatrick, R. H.	do.	1,000.00	19.25
Klenk, Chas.	do.	1,000.00	
Klouse, Frank	do.	1,000.00	
Knecht, Chas., Jr.	do.	1,000.00	
Knepper, A. L.	do.	994.44	
Knight, Chas. W.	do.	1,000.00	
Knodel, William F.	do.	1,000.00	
Knoehr, C. M.	do.	1,000.00	
Koehler, Adolph G.	do.	994.45	
Kohl, John G.	do.	1,000.00	
Konz, Albert W.	do.	997.22	
Kopp, John C.	do.	991.67	
Kramer, Richard H.	do.	675.00	
Kraus, Geo. F.	do.	1,000.00	29.21
Krehl, Frederick C.	do.	708.34	
Kropp, Otto E.	do.	1,000.00	
Kruse, John Wm.	do.	1,000.00	
Kuehner, Henry.	do.	736.11	
Kuenzel, Geo. A.	do.	1,000.00	56.00
Lane, Daniel	do.	961.11	
Langer, John F.	do.	1,000.00	
Lappin, John C.	do.	1,000.00	33.20
Larimore, Bruce L.	do.	958.34	
Lawler, Patrick E.	do.	1,000.00	
Laybourn, Robert.	do.	1,000.00	
Leahy, Timothy J.	do.	209.73	
Lee, Alfred N.	do.	994.45	3.93
Lee, John H.	do.	958.33	
Lehmann, Arthur H.	do.	301.67	
Lehr, Wm. G.	do.	1,000.00	3.77
Lennon, Edward J.	do.	997.23	
Lewinson, Louis.	do.	1,000.00	
Lewis, Daniel	do.	619.45	
Lewis, Geo. R.	do.	66.67	
Lightner, Chas. P.	do.	1,000.00	
Lincoln, Geo. B.	do.	580.56	
Lindenberger, Geo. F.	do.	994.45	2.92
Lindsay, Edmund A.	do.	563.89	
Lirely, Wm. H.	do.	1,000.00	
Lobdell, Grosvenor	do.	1,000.00	
Lockwood, Wm. M.	do.	1,000.00	
Loeble, August.	do.	1,000.00	
Loescher, David, sr.	do.	708.34	
Long, Wm. J.	do.	1,000.00	
Love, David D.	do.	197.22	
Lunkley, Nick	do.	1,000.00	
Lunt, John W.	do.	991.67	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lutz, Chas. H.	Meat inspector, at \$1,000	\$1,000.00	
Lynch, Patrick J.	do	5.56	
Lyne, Jeremiah D.	do	772.22	
Lynch, Thos. S.	do	1,000.00	
Lynn, John F.	do	988.89	\$19.80
Lyons, Harvey E.	do	1,000.00	
McCabe, James L.	do	1,000.00	
McCarthy, Dennis	do	1,000.00	
McCarthy, James	do	1,000.00	
McCaslin, Bert L.	do	1,000.00	
McClelland, Will C.	do	1,000.00	10.30
McClure, Thos. H.	do	458.34	
McConville, Frank	do	1,000.00	
McCormack B.	do	1,000.00	
McDonald, Francis J.	do	1,000.00	
McDonough, John F.	do	1,000.00	
McDonough, J. H.	Meat inspector, at \$1,000 and \$1,200	1,158.33	3.75
McEvoy, Howard S.	Meat inspector, at \$1,000	1,000.00	
McFall, Alex J.	do	1,000.00	
McFarland, Jos.	do	533.33	
McGahey, James	do	1,000.00	
McGehee, Louis H.	do	1,030.00	13.90
McIntyre, Aloysius	do	988.89	
McIntyre, Chas. I.	do	1,000.00	
McKee, Hugh K.	do	1,000.00	
McKee, James	do	1,000.00	
McKelvey, R. M.	do	1,000.00	65.99
McLean, Herbert T.	do	1,000.00	
McLean, James B.	do	1,000.00	
McLeish, Alexander	do	1,000.00	
McLeister, Wm. J.	do	416.67	
McLennan, R. J.	do	1,000.00	
McLeod, Walter S.	do	1,000.00	
McMullin, Thos. J.	do	1,000.00	
McMullin, Wm.	do	1,000.00	15.35
McNamara, John J.	do	1,000.00	
McNaughton, Robt.	do	1,000.00	
McNaughton, Wm.	do	1,000.00	
McShane, John E.	do	988.89	
McSwiggan, Dan.	do	1,000.00	
McWilliams, John	do	1,000.00	
Macdonald, Burt K.	do	1,000.00	
Mahaney, Thomas B.	do	997.22	
Maher, Joseph P.	do	952.77	
Mahoney, Edward	do	916.67	71.74
Mallen, Ole L.	do	1,000.00	
Mallory, Elmer T.	do	1,000.00	
Malone, E. J.	do	1,000.00	22.92
Mann, Kemp P.	do	1,000.00	
Manning, Michael	do	1,000.00	
Manuel, Loyd D.	do	1,000.00	
Markland, John J.	do	530.56	
Marshall, Chas. A.	do	1,000.00	
Marshall, Frank R.	do	994.44	
Martin, Alvin L.	do	1,000.00	22.10
Martineau, C. H.	do	997.22	
Matteson, Seth A.	do	611.12	9.65
Matthews, J. K.	do	1,000.00	107.80
May, Hermann A.	do	1,000.00	
Mayer, Albert C.	do	1,000.00	
Meador, Herman E.	do	1,000.00	
Medick, Gustave H.	do	83.33	
Meler, Chas.	do	408.33	
Mellen, Geo. H.	do	1,000.00	
Melly, Geo. L.	do	1,000.00	
Melvin, Joe	do	1,000.00	5.81
Merwick, Wm.	do	997.23	
Metz, John F.	do	1,000.00	7.25
Metzger, Geo. C.	do	1,000.00	
Miller, Archie E.	do	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Miller, E. J.	Meat inspector, at \$1,000	\$1,000.00	
Miller, Edward P.	do.	1,000.00	
Miller, Harry L.	do.	975.01	\$22.80
Miller, James C.	do.	1,000.00	
Miller, Roy W.	do.	1,000.00	
Miller, William S.	do.	658.34	
Milner, Clarence A.	Meat inspector, foreman of taggers, and inspector's assistant, at \$1,900.	1,000.00	
Minard, Geo. S.	Meat inspector, at \$1,000	1,000.00	
Mitchell, Michael.	do.	208.34	
Mitzel, Hal J.	do.	1,000.00	
Moline, Oscar G.	do.	174.99	
Molloy, J. J.	do.	1,000.00	
Molloy, John J.	do.	861.12	
Moon, Roddy K.	do.	1,000.00	
Moore, David.	do.	1,000.00	
Moore, John J.	do.	997.22	
Moore, James M.	do.	1,000.00	2.72
Moore, Wm.	do.	1,000.00	
Moore, Wm. A.	do.	976.11	
Moran, John A.	do.	1,000.00	
Moran, Michael J.	do.	1,000.00	
Morgan, James B.	do.	219.44	
Morgan, John L.	do.	25.00	
Morgan, Wm. R.	do.	589.56	
Morley, Fred A.	do.	994.44	
Morrissey, John H.	do.	1,000.00	
Morton, Fred B.	do.	1,000.00	
Mosler, Chas. B.	do.	1,000.00	
Mulchay, Patrick J.	do.	1,000.00	
Mullin, Thos. F.	do.	1,000.00	
Murphy, James H.	do.	1,000.00	
Murphy, Patrick H.	do.	1,000.00	
Murray, Clarence F.	do.	1,000.00	
Murray, Henry T.	do.	997.23	
Murray, Louis C.	do.	997.23	14.45
Myers, Ira M.	do.	1,000.00	
Myers, Wm. H.	do.	1,000.00	
Mytinger, A. E.	do.	994.44	
Nachmann, Abraham	do.	326.38	
Nash, Richard	do.	933.34	
Nehls, William	do.	675.00	
Mohr, Joseph	do.	1,000.00	
Neville, Daniel	do.	1,000.00	
Newton, Thomas E.	do.	997.23	
Nichols, Wm. B.	do.	1,000.00	
Niven, George	do.	1,000.00	
Noone, Thomas	do.	1,000.00	
Norris, David F.	do.	1,000.00	
Norton, Frank P.	do.	1,000.00	
Nowlan, Frank P.	do.	1,000.00	
Nugent, Michael J.	do.	1,000.00	
Nutto, Louis	do.	1,000.00	
O'Brien, Daniel F.	do.	738.89	
O'Brien, John A.	do.	1,000.00	3.00
Ochs, John J.	do.	1,000.00	17.14
O'Connell, Daniel	do.	961.11	
O'Connell, Daniel A.	do.	1,000.00	
O'Connell, M. J.	do.	1,000.00	
O'Connor, John	do.	1,000.00	
O'Connor, John J.	do.	1,000.00	
Oelschlegel, Geo. C.	do.	1,000.00	10.85
O'Grady, James	do.	1,000.00	
O'Hanlon, Barney	do.	1,000.00	
O'Hara, James	do.	1,000.00	
O'Hern, James F.	do.	1,000.00	
Olson, William	do.	658.34	
O'Malley, Patrick	do.	1,000.00	
O'Neill, James P.	do.	568.66	
Opal, John A.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ormond, David W. ....	Meat inspector, at \$1,000 .....	\$694.45	.....
Osfeld, Frank B. ....	do. ....	1,000.00	.....
O'Shonessey, Thos. ....	do. ....	1,000.00	.....
Page, Fred. ....	do. ....	1,000.00	.....
Page, George A. ....	do. ....	1,000.00	.....
Pahlman, John R., jr. ....	do. ....	1,000.00	.....
Palm, Edward A. ....	do. ....	1,000.00	\$14.90
Palmer, Tyler A. ....	do. ....	1,000.00	.....
Palmer, Willis A. ....	do. ....	1,000.00	.....
Parker, Williams J. ....	do. ....	1,000.00	.....
Parks, Thos. C. ....	do. ....	1,000.00	.....
Parsons, Sidney J. ....	do. ....	1,000.00	.....
Paull, Wm. L. ....	do. ....	1,000.00	.....
Pawly, Frank. ....	do. ....	1,000.00	.....
Payne, A. D. ....	do. ....	1,000.00	.....
Payne, Nathan B. ....	do. ....	163.89	.....
Pemberton, Henry W. ....	do. ....	1,000.00	.....
Pendery, De Witt C., jr. ....	do. ....	25.00	.....
Perry, Ralph W. ....	do. ....	1,000.00	.....
Peters, John. ....	do. ....	1,000.00	.....
Peterson, Albert. ....	do. ....	1,000.00	.....
Pettengill, Homer E. ....	do. ....	1,000.00	.....
Pfeiffer, Frank W. ....	do. ....	1,000.00	.....
Phillips, Fillmore. ....	do. ....	1,000.00	.....
Pierce, Fred M. ....	do. ....	1,000.00	.....
Piereson, Carl M. ....	do. ....	1,000.00	.....
Pigott, Andrew. ....	do. ....	1,000.00	.....
Plager, Wm. R. ....	do. ....	1,000.00	96.04
Piper, Frank. ....	do. ....	1,000.00	.....
Pironi, Leon James. ....	do. ....	1,000.00	.....
Poage, John W. ....	do. ....	724.99	14.95
Pontious, Frank L. ....	do. ....	997.23	.....
Potrykus, Joseph. ....	do. ....	1,000.00	8.95
Potts, Lannie. ....	do. ....	644.45	.....
Powell, Frank S. ....	do. ....	1,000.00	.....
Powers, John T. ....	do. ....	1,000.00	.....
Priller, Fred W. ....	do. ....	622.22	.....
Pritchard, W. R. ....	do. ....	986.11	.....
Proetz, Henry W. ....	do. ....	1,000.00	.....
Puletz, John W. ....	do. ....	1,000.00	.....
Purviance, Austin E. ....	do. ....	1,000.00	.....
Quigley, Walter F. ....	do. ....	972.22	.....
Quincy, Thomas E. ....	do. ....	1,000.00	.....
Quinlan, Perry D. ....	do. ....	486.11	.....
Quinn, Henry. ....	do. ....	877.78	13.52
Quinn, John. ....	do. ....	1,000.00	.....
Quinn, John T. ....	do. ....	980.56	.....
Rafferty, John E. ....	do. ....	1,000.00	.....
Rafferty, Patrick. ....	do. ....	980.56	.....
Rath, Frank. ....	do. ....	333.33	.....
Rathman, Geo. A. ....	do. ....	994.44	.....
Raven, John, jr. ....	do. ....	1,000.00	1.15
Razer, Frank. ....	do. ....	1,000.00	.....
Redden, Wm. J. ....	do. ....	1,000.00	.....
Reed, Ernest L. ....	do. ....	1,000.00	13.70
Reed, E. Manford. ....	do. ....	1,000.00	17.55
Reed, S. E. ....	do. ....	191.67	.....
Rehbein, Wm. H. ....	do. ....	1,000.00	.....
Reidy, Martin C. ....	do. ....	1,000.00	.....
Reiners, Hajo H. ....	do. ....	991.67	.....
Reisser, Michael. ....	do. ....	1,000.00	.....
Rhoads, Chas. H. ....	do. ....	997.23	.....
Rhodes, Julius J. ....	do. ....	1,000.00	.....
Richards, Albert S. ....	do. ....	1,000.00	.....
Richards, Frank D. ....	do. ....	1,000.00	.....
Richards, Wm. ....	do. ....	1,000.00	48.39
Richardson, David T. ....	do. ....	561.11	18.90
Richardson, Wm. L. ....	do. ....	999.99	.....
Richter, Sprigg C. ....	do. ....	1,000.00	.....
Ring, Frank D. ....	do. ....	1,000.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Roach, James.....	Meat inspector, at \$1,000.....	\$997.22	.....
Roberts, Ishmael.....	do.....	236.11	.....
Robinson, Chas. M.....	do.....	1,000.00	.....
Robinson, Mark.....	do.....	1,000.00	\$46.08
Robinson, Wm.....	do.....	1,000.00	10.95
Roche, Thomas.....	do.....	83.34	.....
Rodgers, Arthur W.....	do.....	1,000.00	.....
Rogenmoser, Chas. J.....	do.....	1,000.00	.....
Rogers, Patrick J.....	do.....	1,000.00	.....
Roscher, Ernest.....	do.....	1,000.00	.....
Roth, Gustav F.....	do.....	1,000.00	.....
Ruehlmann, Adam.....	do.....	666.67	.....
Rumming, Wm. J.....	do.....	1,000.00	.....
Ryan, Stephen D.....	do.....	1,000.00	.....
Ryan, Thomas E.....	do.....	1,000.00	.....
Sabourin, N. M.....	do.....	1,000.00	82.95
Sachse, Herman F.....	do.....	1,000.00	.....
Sahland, Julius E.....	do.....	1,000.00	.....
St. Clair, Wm. N.....	do.....	875.01	12.47
Salmon, John P.....	do.....	1,000.00	.....
Salmon, Michael F.....	do.....	1,000.00	.....
Samson, Eugene H.....	do.....	1,000.00	.....
Sanderson, Owen M.....	do.....	1,000.00	.....
Sandy, James Thos.....	do.....	1,000.00	.....
Sartor, Scott.....	do.....	1,000.00	.....
Saunders, Wm. H.....	do.....	1,000.00	.....
Sayers, Clinton H.....	do.....	1,000.00	.....
Schafer, George J.....	do.....	1,000.00	.....
Schaub, Emil C.....	do.....	1,000.00	.....
Schell, Gustave A.....	do.....	1,000.00	10.60
Schenkalowski, J. A.....	do.....	1,000.00	.....
Schmid, John.....	do.....	936.11	33.35
Schmidt, Albrecht.....	do.....	305.56	.....
Schmidt, Raymond R.....	do.....	1,000.00	.....
Schneider, F. W. A.....	do.....	1,000.00	.....
Schneip, Joseph A.....	do.....	1,000.00	.....
Schoenleber, A. C.....	do.....	1,000.00	.....
Schoenleber, Wm.....	do.....	1,000.00	.....
Schopfer, Chas. B.....	do.....	980.54	.....
Schultz, Emil E.....	do.....	1,000.00	.....
Schuyler, Saml. E.....	do.....	1,000.00	.....
Schwarz, John R.....	do.....	994.44	.....
Seaton, Thomas.....	do.....	1,000.00	.....
Selby, Chas. C.....	do.....	1,000.00	27.74
Severance, W. A.....	do.....	1,000.00	.....
Sexton, John J.....	do.....	1,000.00	.....
Shackleford, W. O.....	do.....	1,000.00	.....
Shafer, John C.....	do.....	1,000.00	.....
Shaffer, Harry L.....	do.....	1,000.00	.....
Shaw, Herbert F.....	do.....	1,000.00	25.13
Shay, James J.....	do.....	1,000.00	.....
Shea, Dennis.....	do.....	980.56	.....
Shea, John F.....	do.....	1,000.00	.....
Sheehy, Patrick J.....	do.....	883.33	.....
Sheeran, Peter H.....	do.....	952.77	.....
Shields, Erastus P.....	do.....	1,000.00	4.02
Sievert, Theo. J.....	do.....	1,000.00	9.50
Simpson, Geo. B.....	do.....	1,000.00	.....
Simpson, William.....	do.....	916.67	.....
Sindlinger, Chas.....	do.....	1,000.00	.....
Slattery, Cornelius.....	do.....	997.22	.....
Sloan, David.....	do.....	999.99	.....
Sloan, John.....	do.....	638.90	.....
Smart, Hugh C.....	do.....	1,000.00	.....
Smiley, Wm. H.....	do.....	1,000.00	.....
Smith, Chas. J.....	do.....	997.22	.....
Smith, Geo. L.....	do.....	1,000.00	.....
Smith, John.....	do.....	998.61	.....
Smith, James F.....	do.....	22.22	.....
Smith, Lewis F.....	do.....	1,000.00	.....

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Robt. E.	Meat inspector, at \$1,000.	\$977.77	
Smith, Samuel.	do.	886.12	
Smith, Wm. H.	do.	1,000.00	
Smythe, Joseph W.	do.	680.56	
Snider, Chas. H. P.	Meat inspector at \$1,000 and \$1,200.	1,166.66	\$39.45
Snyder, Alva.	Meat inspector, at \$1,000.	38.89	
Somerville, Wm. E.	do.	1,000.00	
Spalding, Edw. B.	do.	38.89	
Spangler, Wm. A.	do.	980.56	
Sparling, Homer L.	do.	1,000.00	
Specht, Jacob.	do.	1,000.00	
Spencer, Stanhope C.	do.	875.01	
Spiegelberger, H.	do.	1,000.00	
Sprawl, Edwin.	do.	1,000.00	74.68
Stadler, August C.	do.	1,000.00	
Stadler, Martin.	do.	863.89	
Stankey, Arthur H.	do.	1,000.00	
Stanley, Chas. A.	do.	380.56	
Steere, James P.	do.	1,000.00	18.03
Sterrett, Wm. H.	do.	1,000.00	
Stevens, Arthur H.	do.	1,000.00	
Stevens, Simon G.	do.	1,000.00	24.35
Stevenson, Harry H.	do.	1,000.00	
Stewart, James F.	do.	933.33	
Stewart, Jas. S.	do.	969.45	
Stiffler, J. F.	do.	486.11	
Stock, Sebastian.	do.	1,000.00	9.08
Stoddard, Omar.	do.	391.66	
Stosberg, R. R.	do.	1,000.00	
Stratton, Harry H.	do.	1,000.00	
Stratton, John J.	do.	1,000.00	65.39
Strauss, Wm.	do.	936.11	7.60
Stubbs, Sherman C.	do.	1,000.00	
Sullivan, Chas. G.	do.	1,000.00	
Sullivan, Martin M.	do.	380.55	
Sullivan, Wm. D.	do.	1,000.00	15.15
Swan, Charley J.	do.	1,000.00	
Sweeney, Geo. H.	do.	853.33	
Sweeney, Peter M.	do.	1,000.00	
Sweet, James.	do.	1,000.00	
Swisher, Frank P.	do.	1,000.00	
Tawney, Oliver M.	do.	1,000.00	
Taylor, Richard A.	do.	352.78	
Tebbens, C. J.	do.	1,000.00	
Tebbens, Henry.	do.	1,000.00	
Thamann, J. H.	do.	572.22	
Thayer, Geo. H.	do.	302.77	
Thiem, E. B.	do.	1,000.00	13.80
Thomas, Leslie L.	do.	1,000.00	
Thomas, Wm. N.	do.	597.23	
Thompson, John D.	do.	986.10	70.95
Thompson, James K.	do.	958.33	12.35
Thompson, Lee W.	do.	530.56	
Thompson, Wm.	do.	458.34	
Thomson, George.	do.	858.34	
Tillery, E. A.	do.	997.22	
Titcomb, Geo. A., jr.	do.	1,000.00	
Toomey, Dennis J.	do.	1,000.00	
Tracy, John M.	do.	1,000.00	
Trafton, Alonzo H.	do.	1,000.00	
Traver, Dolph.	do.	1,000.00	
Traynor, Hugh F.	do.	1,000.00	
Tregay, William.	do.	616.67	
Trigg, Henry E.	do.	625.00	
Trittle, Frederick L.	do.	1,000.00	
Tucker, Frank S.	do.	1,000.00	
Tucker, Geo. F.	do.	1,000.00	28.60
Tuke, W. F.	Meat inspector, at \$1,000 and \$1,200.	1,066.66	11.32
Turner, Frank W.	Meat inspector, at \$1,000.	961.11	
Veach, Thos. N.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Viezens, Paul.....	Meat inspector, at \$1,000	\$988.91	.....
Vogt, Louis.....	do	836.11	.....
Volz, Wm. F.....	do	1,000.00	.....
Voss, Frederick.....	do	1,000.00	.....
Wagner, Clarence L.....	do	241.66	.....
Wakefield, Eugene H.....	do	1,000.00	.....
Walker, Ernest L.....	do	1,000.00	.....
Walsh, Daniel J.....	do	25.00	.....
Walsh, Joseph J.....	do	1,000.00	.....
Walsh, Patrick.....	do	1,000.00	.....
Walsh, Stephen P.....	do	100.01	.....
Walsh, Thos. W.....	do	1,000.00	.....
Wandel, Adolph C.....	do	1,000.00	.....
Ward, Edmund W.....	do	1,000.01	.....
Washburn, Walter E.....	do	333.33	.....
Watkins, Wallace C.....	do	1,000.00	.....
Watson, Michael F.....	do	1,000.00	\$26.00
Weed, Ralph P.....	do	1,000.00	.....
Wegner, Wm. H.....	do	1,000.00	.....
Weil, Gabriel.....	do	1,000.00	.....
Weiss, Joseph J.....	do	752.78	.....
Welch, Harry F.....	do	1,000.00	.....
Wentworth, James A.....	do	1,000.00	.....
West, Walter M.....	do	1,000.00	.....
Weston, James.....	do	583.34	.....
Wetzel, Charles A.....	do	1,000.00	.....
Whalin, Chas. V.....	do	1,000.00	.....
White, Fredk. W.....	do	352.78	.....
White, Richard A.....	do	1,000.00	.....
Whitney, James M.....	do	997.23	.....
Wieggers, John H.....	do	1,000.00	.....
Wilkins, Henry.....	Meat inspector, at \$1,000, and foreman of meat inspectors, at \$1,200.	1,133.33	72.83
Williams, William.....	Meat inspector, at \$1,000.	208.34	.....
Willie, M. W.....	do	1,000.00	.....
Wilson, Albert H.....	do	999.98	.....
Wilson, Geo. H.....	do	1,000.00	.....
Wilson, Robt. H.....	do	1,000.00	.....
Wiltshire, Albert.....	do	961.11	.....
Wolff, Frederick.....	do	1,000.00	3.82
Wollmershauser, A. G.....	do	619.45	.....
Wolverton, Thos. J.....	do	1,000.00	30.17
Woods, Ambrose H.....	do	1,000.00	.....
Woodward, Chas. C.....	do	208.33	.....
Woolsey, Cardinal W.....	do	1,000.00	2.55
Worth, Geo. A.....	do	1,000.00	.....
Wright, Davis H.....	do	1,000.00	.....
Yoos, John H.....	do	919.44	.....
Young, Geo. A.....	do	977.78	.....
Young, Henry W.....	do	1,000.00	.....
Youngs, Robt.....	do	1,000.00	.....
Ziegler, Frank G.....	do	1,000.00	.....
Ziegler, John.....	do	1,000.00	.....
Zimmermann, John.....	do	933.34	.....
Zofkie, Chas. F.....	do	1,000.00	.....
Zollner, Chas. M.....	do	1,000.00	.....
Coyle, Thomas.....	Vessel inspector, at \$1,500 and \$1,600.	1,145.84	.....
Carter, George.....	Vessel inspector, at \$1,200.	900.00	.....
Flannery, James.....	do	900.00	.....
Sullivan, Wm. J.....	Vessel inspector, at \$1,000 and \$1,200.	1,075.00	9.20
Sine, J. B.....	Special stock examiner, at \$1,200.	1,200.00	.....
Burgess, John L.....	Patrol stock examiner, at \$1,000.	130.55	.....
Caudy, W. M.....	Patrol stock examiner, at \$1,000, and stock examiner, at \$900.	966.66	.....
Hagemann, Louis C.....	do	966.66	.....
Irving, Artemus.....	Patrol stock examiner and stock examiner, at \$1,000.	1,000.00	.....
Turner, Albert J.....	Patrol stock examiner, at \$1,000, and stock examiner, at \$900.	961.10	19.75

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Adams, Chas. ....	Stock examiner, at \$1,200.	\$1,200.00	.....
Adams, Norman R. ....	do.	1,193.33	.....
Baumel, Henry .....	do.	1,200.00	.....
Bell, E. W. ....	do.	1,200.00	.....
Benton, Walter D. ....	do.	1,200.00	.....
Best, George. ....	do.	1,190.00	.....
Bibb, A. G. ....	do.	993.33	.....
Bone, C. C. ....	do.	1,200.00	.....
Bruton, A. R. ....	do.	900.00	.....
Burdick, H. D. ....	do.	1,200.00	.....
Burgess, William. ....	do.	1,200.00	.....
Burke, George C. ....	do.	1,200.00	.....
Butterfass, J. F. ....	do.	1,200.00	.....
Byrd, Oliver W. ....	do.	1,200.00	.....
Carney, James W. ....	do.	1,200.00	.....
Cathel, George T. ....	do.	1,200.00	.....
Chamberlin, Chas. J. ....	do.	1,200.00	.....
Cherrington, Wm. P. ....	do.	1,200.00	.....
Clark, Thos. G. ....	do.	1,200.00	.....
Cramer, Charles F. ....	do.	1,200.00	.....
Duffley, J. J. ....	do.	1,200.00	\$0.55
Eichstaedt, J. J. ....	do.	1,200.00	.....
Elmer, Charles. ....	do.	1,200.00	.....
Ewing, Frank A. ....	do.	300.00	.....
Farley, David S. ....	do.	1,200.00	3.25
Flora, Josiah D. ....	do.	1,200.00	.....
Flynn, Wm. T. ....	do.	900.00	.....
Foley, Wm. ....	do.	1,200.00	.....
Fox, Jacob. ....	do.	1,200.00	.....
Franklin, Geo. A. ....	do.	1,200.00	.....
Freeman, Harry D. ....	do.	800.00	.....
Frisch, David. ....	do.	1,190.00	.....
Gardner, James. ....	do.	1,200.00	.....
Garlick, Wm. B. ....	do.	1,200.00	.....
Gerrish, James L. ....	do.	1,200.00	.....
Gobbie, Washington. ....	do.	1,200.00	.....
Haggerty, John J. ....	do.	1,200.00	.....
Hanton, Geo. T. ....	do.	900.00	.....
Harpst, William. ....	do.	1,200.00	.....
Herriman, James. ....	do.	1,200.00	.....
Hickey, W. P. ....	do.	1,200.00	.....
Hiller, Christian. ....	do.	1,196.67	.....
Jacobson, John. ....	do.	1,200.00	.....
Jerome, Hiram. ....	do.	1,200.00	.....
Jordan, Joseph F. ....	do.	1,200.00	.....
Kelly, John F. ....	do.	1,200.00	.....
Kenneally, James S. ....	do.	1,200.00	.....
Kladder, Julius. ....	do.	1,200.00	.....
Knee, Ira F. ....	do.	1,200.00	.....
Kochanowski, R. ....	do.	900.00	.....
Koontz, Geo. W. ....	do.	1,191.66	.....
Leland, Henry. ....	do.	1,200.00	.....
Libby, Thomas M. ....	do.	1,200.00	.....
Lyman, R. E. ....	do.	1,200.00	.....
McLeland, Thos. A. ....	do.	1,200.00	.....
Madden, Michael J. ....	do.	1,200.00	.....
Massie, John C. ....	do.	1,200.00	.....
Miller, Sol. ....	do.	1,200.00	.....
Morley, Henry. ....	do.	1,200.00	.....
Mowrer, Wm. E. ....	do.	900.00	.....
Murphy, John. ....	do.	1,200.00	.....
Murphy, Jas. A. ....	do.	1,200.00	.....
Newton, Harrison L. ....	do.	1,200.00	.....
O'Brien, Terence. ....	do.	1,200.00	.....
Oshel, Thomas W. ....	do.	1,200.00	.....
Payne, Jacob I. ....	do.	1,180.00	.....
Pepperman, Alfred N. ....	do.	1,200.00	.....
Pidcock, Walter S. ....	do.	900.00	.....
Quirk, M. J. ....	do.	1,200.00	17.75

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Richardson, J. H.	Stock examiner, at \$1,200.	\$1,200.00	
Rieman, Henry L.	do.	1,200.00	
Rowse, Chas. W.	do.	1,200.00	
Rue, Ernest E.	do.	1,200.00	
Ryan, John J.	do.	1,200.00	
Sarsfield, J. W.	do.	1,200.00	
Saunders, Wm. H.	do.	1,200.00	
Schauer, Henry.	do.	1,200.00	
Schliermann, Jno. F.	do.	900.00	
Schroeder, Frank.	do.	1,200.00	
Simpson, Fredk. L.	do.	1,200.00	
Smith, Philip.	do.	1,200.00	
Sowers, Sylvester S.	do.	1,200.00	
Stephens, Edwin E.	do.	1,200.00	
Stoner, Walter E.	do.	1,200.00	
Timmons, Wm. H.	do.	1,200.00	
Tippett, Wm. T.	do.	1,200.00	
Trainer, John.	do.	1,200.00	
Turner, Joseph M.	do.	800.00	
Upton, Wallace L.	do.	623.33	
Wade, T. J.	do.	1,200.00	
Wampler, Jas. W.	do.	1,200.00	
Warner, Geo. D.	Stock examiner, at \$1,200, and veterinary inspector at \$1,400.	1,208.33	\$22.98
Watson, Arda.	Stock examiner, at \$1,200.	1,196.67	
Weller, H. B.	do.	1,200.00	
Wheeler, D. N.	do.	1,163.34	
Williams, Harvey D.	do.	1,200.00	
Winnic, D. A.	do.	1,200.00	
Jenkins, Wm.	Stock examiner, at \$1,100.	1,100.00	
Akin, L. C.	Stock examiner, at \$1,000.	1,000.00	
Armstrong, Harry E.	do.	827.78	
Baldwin, Wm. A.	do.	1,000.00	
Berry, Winfield E.	do.	991.67	
Biggs, Anson W.	do.	416.66	
Burkard, Jacob.	do.	998.61	
Burton, Jno. W.	do.	1,000.00	
Campbell, Chas. E.	Stock examiner, at \$1,000 and \$1,200.	1,183.33	
Chapin, A. C.	Stock examiner, at \$1,000.	1,000.00	
Crandall, W. W.	do.	750.00	
Cunningham, Bernard.	Stock examiner, at \$1,000 and \$1,200.	1,175.55	
Curtis, Chester J.	Stock examiner, at \$1,000.	1,000.00	
Doyle, Wm. J.	do.	1,000.00	
Feighner, John E.	do.	1,000.00	15.40
Fila, Frank.	do.	1,000.00	
Ford, James.	do.	1,000.00	
Fowkes, Albert, sr.	do.	1,000.00	
Frantz, Will A.	do.	1,000.00	
Garrity, John J.	do.	1,000.00	
Hall, W. E.	do.	1,000.00	
Hansen, Thomas.	do.	1,000.00	
Healy, Frank A.	do.	1,000.00	
Herlinger, Frank H.	do.	1,000.00	
Herron, F. P.	do.	1,000.00	
Hoerner, Geo. J.	do.	1,000.00	3.46
Hogan, Edward P.	do.	1,000.00	
Holland, Jeremiah.	do.	750.00	
Howard, De Lannes.	do.	1,000.00	
Hoyt, Seymour R.	do.	1,000.00	
Humphrey, Marshall E.	do.	950.01	
Hutchinson, Chas. B.	do.	1,000.00	
Jaqua, Geo. E.	do.	1,000.00	
Kling, Myron H.	do.	1,000.00	
Knipple, Robert G.	do.	1,000.00	
Lint, Henry M.	do.	750.00	
Luepke, John F.	do.	1,000.00	7.63
McDonald, Donald.	do.	1,000.00	
McGill, James L.	do.	1,000.00	
McGuire, Wm. R.	do.	750.00	
Mackut, Frank.	do.	1,000.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mahana, R. M.	Stock examiner, at \$1,000.	\$1,000.00	
Mahoney, Arthur A.	Stock examiner and foreman of taggers, at \$1,000.	1,000.00	
Messmer, Geo.	Stock examiner, at \$1,000.	1,000.00	
Miller, Arthur E.	Stock examiner, at \$1,000 and \$1,200.	1,158.33	
Noonan, Thomas.	Stock examiner, at \$1,000.	994.45	
Olmsted, Orrin E. G.	do.	390.00	
Persells, Herman V.	do.	1,000.00	\$57.80
Petty, Frederick O.	do.	38.89	20.75
Quinn, Matthew.	do.	1,000.00	
Risley, Samuel A.	do.	1,000.00	
Robinson, Chas. H.	do.	58.33	
Robinson, Matthew.	do.	1,000.00	
Sargent, L. E.	do.	166.67	
Sawtell, Jos. E.	do.	708.33	
Schmitt, Casper J.	do.	1,000.00	
Schumacher, Geo. E.	do.	1,000.00	
Shale, Solomon C.	do.	750.00	
Shannon, John D.	do.	750.00	
Shannon, John W.	do.	1,000.00	
Sharp, Guy A.	do.	1,000.00	
Simpson, J. R.	Stock examiner, at \$1,000, and veterinary inspector, at \$1,400.	1,300.00	
Smith, Edward M.	Stock examiner, at \$1,000.	750.00	
Smith, S. T.	do.	1,000.00	
Stumpf, Louis N.	do.	1,000.00	
Valentine, Saml. I.	do.	1,000.00	
Walch, Charles I.	do.	1,000.00	13.45
White, Thomas A.	do.	1,000.00	
Wood, G. W.	do.	1,000.00	9.45
Adams, Ethan.	Stock examiner, at \$900.	900.00	352.74
Alton, Daniel R.	Stock examiner, at \$900 and \$1,200.	1,150.00	
Archer, Rollie J.	Stock examiner, at \$900.	462.50	
Atchison, John L.	do.	900.00	
Bagshaw, Kenzie S.	do.	900.00	
Botteron, F. A.	do.	900.00	
Brown, John W.	do.	900.00	
Carlton, Florence E.	do.	900.00	
Cunningham, N. G.	do.	900.00	
Dreyer, Lewis S.	Stock examiner, at \$900 and \$1,000.	979.17	
Durkee, John R.	Stock examiner, at \$900.	900.00	
Ewing, John L.	do.	900.00	
Faulder, Ernest T.	do.	600.00	
Frick, W. C.	Stock examiner, at \$900 and \$1,000.	908.34	
Gjertson, Albert G.	Stock examiner, at \$900.	900.00	
Glover, Edward K.	do.	900.00	
Gove, Arthur W.	do.	675.00	
Granger, Dighton.	Stock examiner, at \$900 and \$1,200.	1,150.00	
Harper, E. A.	Stock examiner, at \$900.	900.00	
Harrington, Chas. F.	do.	892.50	
Hendricks, Frank.	Stock examiner, at \$900 and \$1,000.	908.34	
Henry, P. C.	Stock examiner, at \$900.	27.50	
Hersey, Walter H.	Stock examiner, at \$900 and \$1,000.	908.34	
Jeffrey, James G.	Stock examiner, at \$900.	900.00	
Kellner, Aaron F.	do.	900.00	
Lee, Arthur J.	Stock examiner, at \$900 and \$1,000.	908.34	
Leyser, Jeremiah C.	do.	908.06	
McKibbin, John A.	Stock examiner, at \$900.	225.00	
McLaughlin, P. S.	do.	900.00	
McPartland, P. J.	Stock examiner, at \$900 and \$1,000.	908.34	
Manny, Abram M.	Stock examiner, at \$900.	617.50	
Maxson, Rufus Y.	do.	900.00	83.56
Meade, Albert M.	do.	600.00	
Murphy, Wm. H.	do.	900.00	
O'Neill, Frank.	Stock examiner, at \$900 and \$1,200.	1,150.00	
O'Rourke, Arthur J.	do.	630.83	
Pickett, Theodore.	Stock examiner, at \$900.	600.00	
Pilchard, Mack R.	do.	900.00	
Purcell, John, jr.	Stock examiner, at \$900 and \$1,000.	991.67	
Rarey, M. J.	do.	908.34	
Shipp, Frank L.	Stock examiner, at \$900.	900.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, H. A.	Stock examiner, at \$900.	\$900.00	
Snell, John W.	do.	552.50	
Spencer, Clyde G.	do.	600.00	
Therney, Daniel D.	Stock examiner, at \$900, and veterinary inspector, at \$1,400.	737.50	
Travers, Frederick P.	Stock examiner, at \$900.	825.00	
Wager, Geo. E.	do.	900.00	
White, Timothy P.	do.	900.00	
Wright, Isaac H.	do.	897.50	
Zimmerman, James A.	do.	900.00	
Wride, Geo. A.	Foreman of taggers and inspector's assistant, at \$1,000.	1,000.00	
Babb, George F.	do.	1,000.00	
Bollinger, H. L.	do.	977.78	
Burrows, Wm. E.	do.	1,000.00	
Churchill, W. E.	Foreman of taggers, at \$1,000.	997.22	
Danaher, W. E.	Foreman of taggers and inspector's assistant, at \$1,000.	1,000.00	
Edmond, Chas. S.	Foreman of taggers, at \$1,000, tagger, at \$750, and foreman of taggers, at \$1,000.	963.67	
Fahrenback, F. A.	Foreman of taggers, at \$1,000.	1,000.00	
Fenstermacher, L. S. A.	do.	1,000.00	\$52.14
Fisher, Wm. H.	Foreman of taggers and inspector's assistant, at \$1,000, and veterinary inspector, at \$1,400.	1,016.66	9.85
Forbes, Walter A.	Foreman of taggers, at \$1,000.	1,000.00	
Gilmore, Frank J.	Foreman of taggers and inspector's assistant, at \$1,000.	983.33	36.98
Grant, Geo. K.	Foreman of taggers, at \$1,000.	1,000.00	
Halbisch, Harry.	Foreman of taggers and inspector's assistant, at \$1,000.	1,000.00	64.27
Johnson, H. C.	do.	1,000.00	
Jordan, Chas. N.	do.	1,000.00	
McDonald, James.	Foreman of taggers, at \$1,000, tagger, at \$720, and stock examiner, at \$1,000.	991.45	
McKinstry, Charles.	Foreman of taggers, at \$1,000.	997.23	
Mahoney, T. B.	Foreman of taggers and inspector's assistant, at \$1,000.	1,000.00	
O'Keefe, Matthew.	Foreman of taggers, at \$1,000, and stock examiner, at \$1,200.	1,183.33	
Pagle, Chas. W., jr.	Foreman of taggers, at \$1,000.	1,000.00	
Pollitt, Frank E.	do.	1,000.00	
Roberts, E. S.	Foreman of taggers and inspector's assistant, at \$1,000.	1,000.00	
Shelton, James E.	do.	1,000.00	
Sommer, Joseph M.	do.	1,000.00	
Ulmer, Henry C.	do.	1,000.00	
Wilhelm, John W.	do.	1,000.00	
Amos, William M.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	847.50	
Bratton, James W.	Patrol tagger, at \$900, tagger, at \$840, and inspector's assistant, at \$1,000.	915.84	
Breid, David W.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Brown, J. R.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Bryant, Wm. C.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Cain, Wm. H.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Cannon, James R.	Patrol tagger, at \$900.	367.50	
Chojnacki, Michael.	Patrol tagger and skilled laborer, at \$900.	900.00	
Cooper, F. H.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Culver, E. G.	do.	839.00	58.07
Denton, Jacob M.	Patrol tagger, at \$900, tagger, at \$720, and inspector's assistant, at \$840.	850.00	
Dey, Robert F.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	23.53
Donham, Lewis S.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Donohoe, Will W.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Gale, Howard C.	do.	840.00	
Griffin, P. H.	Patrol tagger and skilled laborer, at \$900.	900.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Harmeyer, Lloyd C.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	\$880.00	
Harper, William A.	do.	880.00	
Harwood, Thomas.	do.	880.00	
Hauber, John F.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Haughawant, L. L.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Helvey, Orlando W.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	920.84	
Hudson, Frederick W.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Jacobus, Herman.	Patrol tagger and skilled laborer, at \$900.	895.00	
Johnson, Mandius.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Jones, Fred B.	do.	840.00	
Jost, August.	Patrol tagger and skilled laborer, at \$900.	900.00	
Kelly, John J.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Kostal, Anton.	Patrol tagger and skilled laborer, at \$900.	900.00	
Leech, Walter W.	Patrol tagger, at \$900, and skilled laborer, at \$720.	830.00	\$31.63
Lewis, John D.	do.	840.00	
Lightner, L. C.	do.	840.03	
Lyon, Raymond F.	do.	840.00	
McCraith, Daniel L.	Patrol tagger, at \$900.	237.50	
McDonnell, Wm.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	61.92
McEwen, James E.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Miller, Samuel H.	Patrol tagger, at \$900, and skilled laborer, at \$840.	800.00	
Moore, Chas. E.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Muncy, Simon G.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Pearce, Chas. E.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Ray, John C.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	873.00	
Rohrer, Leonard S.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Russell, Rufus C.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	7.40
Rust, Vinton D.	do.	840.00	
Schopp, Henry.	Patrol tagger and skilled laborer, at \$900.	900.00	
Shatzell, Harry A.	do.	677.50	
Stackhouse, Thos. E.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	880.00	
Stoffe, John F.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Summers, John.	Patrol tagger and skilled laborer, at \$900.	900.00	
Swain, Arthur A.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Swan, John A.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	737.50	
Timmons, Wilfred H.	Patrol tagger, at \$900, and skilled laborer, at \$720.	840.00	
Travis, Don C.	do.	840.00	
Van Zile, Jesse F.	do.	644.00	
Waller, Harvey L.	Patrol tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Walsh, Richard.	Patrol tagger and skilled laborer, at \$900.	900.00	
Weaver, Flavus.	Patrol tagger, at \$900, and inspector's assistant, at \$840.	525.50	
Bennett, Wm.	Tagger and skilled laborer, at \$900.	900.00	
Blondell, Joseph E.	Tagger, at \$900.	282.50	
Bitner, W. A.	Tagger, at \$900, and inspector's assistant, at \$1,000.	933.34	
Blair, John T.	Tagger and skilled laborer, at \$900.	900.00	
Bullard, Lewis L.	do.	900.00	
Burleigh, Frank H.	do.	900.00	
Carr, Joseph G.	do.	800.00	
Clark, W. D.	do.	900.00	
Condon, James.	do.	890.00	
Eisenreich, Chas.	do.	897.50	
Foley, James.	do.	900.00	
Forbes, Reuben.	do.	880.00	
Fox, William.	do.	900.00	
Goebel, Fred J.	do.	900.00	28.56

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gray, Robert.....	Tagger and skilled laborer, at \$900 .....	\$900.00	.....
Hart, John E.....	do.....	900.00	.....
Hinkson, Ransom.....	do.....	675.00	.....
Justinger, Michael.....	do.....	900.00	.....
Knox, Harrison H.....	do.....	900.00	.....
Laird, E. E.....	do.....	900.00	.....
Leddy, Thomas.....	Tagger, at \$900, and inspector's assistant, at \$1,000.....	928.34	.....
Leismann, Jacob.....	Tagger and skilled laborer, at \$900.....	900.00	.....
Lorenzen, John C.....	do.....	900.00	.....
Lynch, Daniel.....	do.....	885.00	.....
McCann, John.....	do.....	900.00	.....
Payton, John B.....	Tagger, at \$900.....	296.25	.....
Platt, Daniel S.....	Tagger, at \$900, and inspector's assistant, at \$1,000.....	933.34	.....
Robertson, James T.....	Tagger and skilled laborer, at \$900.....	900.00	.....
Sauer, Theo.....	do.....	900.00	.....
Schroeder, Geo. H.....	Tagger, at \$900, and inspector's assistant, at \$1,000.....	932.09	.....
Shea, Thomas.....	Tagger and skilled laborer, at \$900.....	900.00	.....
Shortridge, Ireneus.....	do.....	900.00	.....
Smith, T. M.....	do.....	852.50	.....
Stafford, James R.....	Tagger and skilled laborer, at \$900; horse hire, \$336.....	1,236.00	.....
Steel, James M.....	Tagger and skilled laborer, at \$900.....	900.00	.....
Sullivan, Joseph.....	do.....	898.75	.....
Troughton, J. E.....	do.....	877.50	.....
Vandewoort, Chas.....	Tagger, at \$900, and inspector's assistant, at \$1,000.....	933.34	\$4.74
Walsh, Walter.....	Tagger and skilled laborer, at \$900.....	900.00	.....
Weaver, Nelson E.....	do.....	900.00	.....
Augspurger, Otto.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	893.34	.....
Bray, Stephen.....	do.....	352.78	.....
Bryant, Scott S.....	do.....	699.66	18.57
Carter, Clifton.....	Tagger and skilled laborer, at \$840.....	420.00	.....
Collins, Sebastian E.....	do.....	840.00	.....
Croft, Victor F.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	893.34	.....
Dalzell, Howard H.....	do.....	891.01	.....
Ebling, John W.....	do.....	893.34	.....
Hall, Joseph.....	Tagger and skilled laborer, at \$840.....	840.00	.....
Huey, Carlton.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	893.34	.....
Maxwell, Geo. E.....	do.....	681.01	.....
Neil, Wm. F.....	do.....	893.34	.....
Potts, John.....	do.....	893.34	.....
Raffensperger, H. B.....	do.....	893.34	.....
Ricman, Joseph J.....	do.....	683.34	.....
Rivers, Geo. W.....	Tagger and skilled laborer, at \$840.....	821.33	.....
Robbins, John W.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	893.34	.....
Scott, Robert L.....	Tagger and skilled laborer, at \$840.....	840.00	.....
Sigrist, Fred C.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	683.34	.....
Sutton, Clemmons G.....	Tagger and skilled laborer, at \$840; horse hire, \$216.....	846.00	.....
Tellejohn, Edwin H.....	Tagger, at \$840, and inspector's assistant, at \$1,000.....	583.34	.....
Trees, Oliver P.....	do.....	893.34	.....
Wetzel, Raymond W.....	do.....	893.34	.....
Wolfe, James F. M.....	do.....	893.34	.....
Zimmerman, H. E.....	Tagger, at \$840, inspector's assistant, at \$1,000, and veterinary inspector, at \$1,400.....	614.44	.....
Anderson, Edward A.....	Tagger and skilled laborer, at \$720.....	700.00	.....
Anthony, Homer F.....	do.....	704.00	.....
Atwood, Elmer R.....	Tagger, at \$720, and skilled laborer, at \$840.....	760.00	.....
Bacon, Frank E.....	Tagger and skilled laborer, at \$720.....	720.00	.....
Bagby, Lorin.....	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.....	790.00	16.34

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ballou, Benj. W.	Tagger, at \$720.	\$96.00	.....
Barclay, Alec.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Barker, Leroy W.	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.	820.00	\$1.70
Barr, William A.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Barton, Carl M.	Tagger and skilled laborer, at \$720.	716.00	4.75
Bassett, James J.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Beagle, Edward D.	Tagger, at \$720.	64.00	.....
Beardsley, Ray M.	Tagger and skilled laborer, at \$720.	678.00	.....
Beeson, George M.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Bell, Charles M.	do.	760.00	.....
Bouvier, Leland E.	Tagger, at \$720.	60.00	.....
Bowker, Fred H.	do.	64.00	.....
Boyd, M. E.	Tagger and skilled laborer, at \$720.	720.00	.....
Brashear, Will M.	Tagger, at \$720, and inspector's assistant, at \$840.	758.00	.....
Bishop, Louis A.	Tagger and skilled laborer, at \$720.	714.00	.....
Brewer, Walker A.	do.	418.00	10.75
Brown, Charles H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Brown, Samuel W.	Tagger and skilled laborer, at \$720.	700.00	.....
Buford, Elda.	do.	720.00	.....
Bundrant, Wm. C.	Tagger, at \$720, and inspector's assistant, at \$840.	293.67	.....
Burke, George A.	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.	812.50	.....
Burwell, William	Tagger and skilled laborer, at \$720.	720.00	.....
Butts, Henry	Tagger, at \$720.	416.00	19.99
Callanan, Bernard G.	Tagger and skilled laborer, at \$720.	720.00	1.50
Carey, Vincent J.	do.	720.00	.....
Cavanaugh, Chas. T.	do.	440.00	8.12
Cleary, Thos. F.	do.	700.00	.....
Coffey, John M.	do.	638.00	.....
Coffey, William E.	do.	652.00	.....
Coffman, R. E.	do.	720.00	.....
Coffman, T. Jeff.	do.	468.00	74.30
Cole, Walker C.	do.	560.00	.....
Coleman, G. J.	Tagger, at \$720, and meat inspector, at \$1,000.	813.34	8.10
Coleman, J. I.	Tagger, at \$720.	68.00	.....
Copelan, Sam'l L.	Tagger and skilled laborer, at \$720.	720.00	.....
Coppage Hy C.	do.	720.00	.....
Coulter, Chas. M.	Tagger, at \$720, and inspector's assistant, at \$840.	807.00	.....
Craig, A. Rile	do.	748.33	.....
Crosby, Frank	Tagger and skilled laborer, at \$720.	720.00	.....
Cullen, Barthalomew	do.	474.00	.....
Curry, Fav.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	3.70
Curtis, Wilbert A.	do.	760.00	.....
Davis, Everett W.	do.	760.00	.....
Davis, Thos. L.	do.	760.00	.....
Depuy, Chauncey M.	Tagger and skilled laborer, at \$720.	678.00	.....
Doubley, Thos. W.	do.	720.00	.....
Doughman, Isaac H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Driscoll, Louis J.	Tagger and skilled laborer, at \$720.	720.00	1.57
Driscoll, N. J.	do.	712.00	.....
Eastman, J. O.	do.	681.00	.....
Edstrom, A. S.	do.	596.00	1.02
Edwards, Thos. H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Eggebrecht, Wm. C. H.	Tagger and skilled laborer, at \$720.	514.00	1.50
Emmons, Eldred E.	do.	514.00	.....
Endsley, Wm. L.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Ertzman, Chas. L.	do.	754.00	.....
Ervin, Clarence.	Tagger and skilled laborer, at \$720.	720.00	29.60
Eubanks, Oliver P.	do.	720.00	.....
Falls, John D.	do.	720.00	.....
Featherstone, Geo. D.	do.	678.00	11.05
Fifield, Lyman	do.	540.00	.....
Foard, William E.	Tagger, at \$720, and inspector's assistant, at \$840.	612.00	74.25
Folts, John H.	Tagger, at \$720 and \$840, and inspector's assistant, at \$1,000.	885.34	.....
Fortune, Steven G.	Tagger, at \$720, and inspector's assistant, at \$840.	749.67	.....
Foyer, Eddy	Tagger, at \$720.	34.00	.....
Franklin, R. M.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	12.16
Frey, Joseph	do.	750.00	11.35

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Frizzell, Wm. H.	Tagger and skilled laborer, at \$720.	\$720.00	.....
Fusselman, Milton	do.	716.00	.....
Gardner, Arthur G.	do.	450.00	.....
Gerritson, Wm. M.	do.	404.00	.....
Grayson, Oscar H.	do.	718.00	.....
Greenough, A. F.	do.	720.00	.....
Griffin, Daniel J.	do.	570.00	.....
Gunn, G. Z.	Tagger, at \$720, and inspector's assistant, at \$840.	754.00	.....
Haldeman, Wm. J.	Tagger and skilled laborer, at \$720.	646.00	.....
Hall, Chas. A.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Hall, Jesse J.	Tagger, at \$720.	20.00	.....
Hamilton, Thos. B.	Tagger, at \$720, and inspector's assistant, at \$840.	650.00	.....
Hammond, George F.	Tagger and skilled laborer, at \$720.	540.00	.....
Harcum, Rollie H.	do.	664.00	.....
Hard, Larkin E.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Hardman, H. L.	Tagger, at \$720, patrol tagger, at \$900, and skilled laborer, at \$720.	671.00	.....
Harrigan, Cornelius.	Tagger, at \$720.	90.00	.....
Hawkins, Jesse H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Hawkins, Robert B.	Tagger and skilled laborer, at \$720.	720.00	\$43.50
Haynes, Harry W.	Tagger, at \$720.	402.00	.....
Hedriegel, F. W.	Tagger and skilled laborer, at \$720.	474.00	.....
Hernan, John F.	do.	350.00	1.37
Hervey, Hugh H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Hewson, Geo.	Tagger, at \$720, and skilled laborer, at \$840.	704.00	.....
Hickman, John L.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Higgins, J. Willard.	do.	760.00	.....
Hill, Perry R.	Tagger, at \$720.	12.00	.....
Holmes, Brayton, A.	do.	400.00	8.75
Holt, Benj. F.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	21.35
Hornlein, Otto.	do.	329.33	27.44
Horstman, Edward.	Tagger, at \$720, and veterinary inspector, at \$1,400.	255.00	.....
Houston, D. M., jr.	Tagger and skilled laborer, at \$720.	570.00	.....
Hoylman, Adger A.	Tagger, at \$720, and inspector's assistant, at \$840.	758.00	15.40
Hubbard, Henry F.	do.	760.00	.....
Hudson, Wm. H.	Tagger and skilled laborer, at \$720.	676.00	.....
Huffman, P. J., jr.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Huford, Eldo E.	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.	835.00	86.00
Huhn, Otto W.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Hull, Bertram C.	do.	760.00	.....
Hunter, Theodore A.	Tagger and skilled laborer, at \$720.	658.00	.....
Hurley, Daniel J.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Huxley, W. J.	do.	760.00	26.20
Jacobs, James J.	Tagger, at \$720.	206.00	.....
Johnson, Fredk.	Tagger and skilled laborer, at \$720.	676.00	.....
Jones, Frank F.	Tagger, at \$720.	188.00	.....
Jones, Harvey W.	Tagger and skilled laborer, at \$720.	638.00	.....
Jones, Oscar E.	do.	418.00	.....
Keleher, Timothy F.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	8.92
Keyser, Charles T.	Tagger, at \$720, and skilled laborer, at \$840.	590.00	.....
King, Samuel A.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Kirk, Joseph L.	do.	760.00	.....
Kniffen, Earl R.	do.	484.33	6.10
Koen, Hardy G.	Tagger and skilled laborer, at \$720.	720.00	.....
Koontz, Harry E.	Tagger, at \$720, and inspector's assistant, at \$840.	758.00	.....
Kraft, Wm. E.	do.	760.00	.....
Larsen, Peter G.	Tagger and skilled laborer, at \$720.	376.00	.....
Laster, Geo. T.	do.	720.00	.....
Lauchnor, P. U. C.	Tagger, at \$720.	96.00	.....
Lawrence, Harvey J.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Lee, Oscar R.	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.	835.00	17.45
Leeman, Thos. H.	Tagger and skilled laborer, at \$720.	720.00	.....
Lewis, Chas. C.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.....
Lofan, John W.	do.	760.00	.....
Lollar, Ernest E.	Tagger and skilled laborer, at \$720.	678.00	.....
Lannon Chas.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	2.50

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McCain, Harry A.	Tagger and skilled laborer, at \$720.	\$318.00	
McCarthy, Edwin J.	do.	720.00	
McCulloch, Donald.	do.	720.00	
McDermott, Thos. F.	do.	660.00	
McGarvey, Daniel L.	do.	440.00	
McKinney, Ora O.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
McKinstry, Geo. W.	Tagger, at \$720, and clerk, at \$840.	765.00	
McPherson, John L.	Tagger and skilled laborer, at \$720.	254.00	
McWilliams, Jos. R.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Mahoney, Thos. H.	Tagger and skilled laborer, at \$720.	718.00	
Mahood, Wm. T.	Tagger, at \$720, and skilled laborer, at \$900 and \$720.	550.00	
Marcinski, Frank.	Tagger and skilled laborer, at \$720.	720.00	
Marshall, Frank L.	Tagger, at \$720.	466.00	
Martin, T. J.	do.	30.00	
Maxwell, Walter C.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Michael, Chas. E.	do.	760.00	
Midkiff, Henry F.	Tagger and skilled laborer, at \$720.	720.00	
Miller, Oscar V.	do.	714.00	
Miller, Wm. G.	do.	376.00	
Morgan, Paul G.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Morrissey, Thos. F.	do.	760.00	
Mull, Samuel E.	Tagger, at \$720.	480.00	
Murphy, Glen.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Murphy, James J.	Tagger, at \$720.	18.00	
Murphy, Richard F.	Tagger and skilled laborer, at \$720.	336.00	\$1.45
Neal, John H.	do.	720.00	1.82
Nuckols, Jacob E.	Tagger, at \$720, and inspector's assistant, at \$840.	758.00	
Olson, Luther E.	do.	760.00	16.90
Olson, Olaf J.	do.	550.00	
O'Neil, Wm. C.	Tagger and skilled laborer, at \$720.	326.00	
Orme, F. W.	Tagger and skilled laborer, at \$720, and veterinary inspector, at \$1,400.	776.67	
Osborn, H. L.	Tagger, at \$720.	134.00	
Paden, Chas. W.	Tagger, at \$720, and patrol tagger, at \$900.	301.75	
Pallas, Wm.	Tagger, at \$720.	14.00	
Parks, Virgil H.	Tagger and skilled laborer, at \$720.	720.00	
Patterson, Wm. E.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Payne, Cassius J.	Tagger and skilled laborer, at \$720.	464.00	
Pendleton, J. B., jr.	do.	540.00	
Peppard, Edward A.	do.	720.00	1.77
Peters, George C.	do.	720.00	
Peters, Winfield S.	do.	510.00	
Pettis, Albert W.	do.	702.00	
Phetteplace, F. R.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Phillips, Isaac B.	do.	760.00	
Phillips, Oscar.	do.	760.00	
Pierce, Frank.	Tagger, at \$720.	160.00	
Pigott, William.	do.	290.00	
Porter, Lee E.	Tagger and skilled laborer, at \$720.	336.00	
Quirk, John J.	Skilled laborer, at \$720.	210.00	
Rafferty, John F.	Tagger and skilled laborer, at \$720.	282.00	
Raub, Austin J.	Tagger, at \$720, and inspector's assistant, at \$840.	547.33	
Reardon, John D.	do.	760.00	
Reeves, Waverly H.	Tagger and skilled laborer, at \$720.	540.00	
Reinhart, Chas. E.	do.	712.00	
Revercomb, Louis T.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Rhoads, Harry.	do.	760.00	
Riley, Frank C.	Tagger and skilled laborer, at \$720.	720.00	
Ritman, Wm. H.	Tagger, at \$720, patrol tagger, at \$900, and inspector's assistant, at \$840.	782.50	
Robinson, Oscar C.	Tagger, at \$720, and inspector's assistant, at \$840.	700.00	14.90
Russell, Fred S.	Tagger and clerk, at \$720, and inspector's assistant, at \$840.	747.00	
Ryan, Joseph.	Tagger and skilled laborer, at \$720.	720.00	
Salsbery, Chas. E.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Samuel, Alfred A.	do.	760.00	
Savage, J. B.	Tagger, at \$720.	180.00	
Schluderberg, Ernest.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Schoewe, H. R.	Tagger, at \$720, and inspector's assistant, at \$840.	\$760.00	
Schuster, Henry	Tagger and skilled laborer, at \$720.	720.00	
Seals, Walter L.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Sergeant, F. W.	do.	760.00	
Severance, Glen R.	do.	760.00	
Seybold, Chas. M.	do.	760.00	
Shambeau, Chester E.	do.	760.00	
Shanley, Joseph A.	Tagger and skilled laborer, at \$720.	720.00	
Sharp, Fred M.	do.	562.00	
Shattuck, Francis R.	Tagger, at \$720, and skilled laborer, at \$840.	830.00	
Shoffstall, Albert C.	Tagger, at \$720.	198.00	
Shore, Frederick V.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	\$18.40
Siebler, Arthur C.	Tagger and skilled laborer, at \$720.	556.00	
Sloat, Henry	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Smith, Emory H.	do.	760.00	
Smith, Howard C.	Tagger, at \$720.	398.00	
Smith, Walter E.	Tagger, at \$720, and inspector's assistant at \$840.	620.00	36.97
Snyder, Bliss	Tagger and skilled laborer, at \$720.	720.00	
Snyder, William J.	do.	714.00	
Spurlock, Wm. J.	do.	720.00	
Stewart, Carroll	do.	600.00	
Stone, George W.	Tagger, at \$720.	187.00	
Stoneburner, J. D.	Tagger and skilled laborer, at \$720.	720.00	
Strehlman, W. G.	Tagger, at \$720, and inspector's assistant, at \$840.	710.00	
Streit, John E.	Tagger and skilled laborer, at \$720.	538.00	
Stroud, William C.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	33.70
Sturgis, Zadok	Tagger and skilled laborer, at \$720.	720.00	
Sullivan, John E.	do.	624.00	
Taake, R. E.	Tagger, at \$720, and inspector's assistant, at \$840.	757.67	
Taylor, Alfred A.	do.	760.00	
Taylor, Frank	Tagger, at \$720.	142.00	
Taylor, Hurd B.	do.	208.00	
Taylor, Major C.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	.80
Thompson, Henry S.	Tagger and skilled laborer, at \$720.	720.00	
Thompson, James R.	do.	650.00	1.50
Thullen, Chas. F.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Tichenor, Walter A.	Tagger and skilled laborer, at \$720.	628.00	
Tims, John, Jr.	do.	720.00	
Troy, Joseph A.	do.	494.00	
Valley, Thos. J.	do.	494.00	
Vandergriff, E. R.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Vanscoy, Robt. M.	Tagger and skilled laborer, at \$720.	710.00	23.65
Waddle, Harry P.	Tagger, at \$720.	129.00	
Waller, Chas. W.	Tagger and skilled laborer, at \$720.	718.00	
Weathers, Elmer L.	Tagger, at \$720, and clerk, at \$840.	765.00	
Weaver, John H.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Webb, Johnnie W.	Tagger and skilled laborer, at \$720.	720.00	
Welch, Homer G.	do.	720.00	
West, C. L.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Wetzel, Geo. H.	do.	760.00	
White, Arthur E.	Tagger and skilled laborer, at \$720.	464.00	
White, Francis W.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
White, John D.	do.	760.00	
Wilkinson, James O.	Tagger and skilled laborer, at \$720.	570.00	30.55
Williams, Fall T.	do.	720.00	
Williams, Homer W.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Wischart, Wilbert.	Tagger and skilled laborer, at \$720.	384.00	
Womack, John T.	Tagger, at \$720, and inspector's assistant, at \$840.	760.00	
Woolm, Jas. E.	Tagger, at \$720.	210.00	
Hostetler, Altine.	Clerk, at \$1,400.	1,400.00	
Small, Cyrus K.	do.	1,400.00	
Bigley, Chas. J.	Clerk, at \$1,200.	1,156.67	
Crawford, Wm. S.	do.	1,200.00	
Dietrich, Ephraim.	do.	1,200.00	1.37
Due, Immanuel.	do.	1,200.00	1.52
Fitzgerald, J. N.	do.	136.67	
Luce, E. B.	do.	1,200.00	
McEnaney, Jos. P.	do.	1,200.00	
O'Malley, J. J.	do.	1,200.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Pew, C. S.	Clerk, at \$1,200	\$1,193.33	
Philpot, Chas. W.	do.	1,200.00	
Tourtellotte, S. H.	do.	1,200.00	
Wolf, Max.	do.	1,200.00	\$477.63
Alexander, John O. W.	Clerk, at \$1,000	1,000.00	
Carroll, John H.	do.	1,070.00	
Conoyer, Charles	do.	1,000.00	
Grady, Martin P.	do.	1,000.00	
Hartwell, Chas. K.	do.	750.00	
Herrick, Hiram G.	do.	1,000.00	
Hoyt, Albert H.	Clerk, at \$1,000 and \$1,200	1,033.33	
Lauck, Edward C.	Clerk, at \$1,000	1,000.00	
Leighton, Orrin L.	do.	1,000.00	
McClure, John H.	do.	997.23	
Miller, Samuel M.	do.	1,000.00	
Morse, Chas. H.	do.	1,000.00	90.00
Newlove, Harry S.	do.	1,000.00	
Paine, Phelps.	Clerk, at \$1,000 and \$1,200	1,116.66	
Reinsch, Geo. J.	Clerk, at \$1,000	1,070.00	
Schuman, Chas.	do.	1,000.00	
Vance, I. N.	do.	1,000.00	
Ellmaker, H. D.	Clerk and typewriter, at \$1,000	1,000.00	
Kitzhofer, Jos. H.	do.	166.66	
Baldwin, Henry B.	Clerk, at \$900	900.00	
Black, Ralph W.	do.	597.50	
Chamberlin, Wm. E.	do.	897.50	
Clark, Geo. W.	do.	900.00	
Clifford, Maxwell	do.	900.00	
Evans, Elmer E.	do.	900.00	
Hickman, Jessie	do.	900.00	
Johnson, F. T.	do.	290.00	
Meyers, Geo. W.	do.	970.00	
Newman, Ben E.	Clerk, at \$900 and \$1,000	920.84	
Schwahn, Ella	Clerk, at \$900	900.00	
Shultz, Ethel M.	do.	325.00	
Smiley, Arthur R.	do.	900.00	
von Dorn, Calvin W.	Clerk, at \$900 and \$1,000	975.00	
Workheiser, H. F. R.	do.	452.77	
Wycoff, Alva C.	Clerk, at \$900	900.00	
Moore, Fred'k W.	Stenographer, at \$900	900.00	
Bowen, Wm. C.	Clerk-typewriter, at \$900	362.50	
Bitzan, Chas. W.	do.	370.00	
Clarke, Henry C.	do.	55.00	
Hotaling, Ellis K.	do.	900.00	
Kavanagh, John F.	Clerk, stenographer, and typewriter, at \$900	900.00	
Le Doux, Oscar M.	Clerk-typewriter, at \$900	900.00	
O'Brien, Joseph C.	do.	900.00	
Rankin, Earl M.	do.	90.00	
Rucker, Harry	do.	222.50	
Shaw, J. D.	do.	395.00	
Webb, Clarence O.	do.	82.50	
Baily, Wm. E.	Clerk, at \$840	840.00	
Baylis, Harry A.	do.	35.00	
Belt, Herbert C.	Clerk, at \$840 and \$900	877.50	
Bushong, John A.	Clerk, at \$840	840.00	
Carson, Arthur	do.	560.00	
Cole, Myron A.	do.	840.00	
Cooper, Wm. L.	do.	599.67	
Craigie, Francis L.	do.	840.00	
Hall, Madison F.	do.	375.67	
Jackson, Edgar	Clerk, at \$840 and \$900	892.50	
Jones, George S.	do.	882.50	
Kirkpatrick, Wm. D.	Clerk, at \$840	469.00	
Monnett, Wm. E.	do.	840.00	
Mumm, John	Clerk, at \$840 and \$900	885.00	
Reynolds, Bronte A.	Clerk, at \$840	210.00	
Scheid, Arthur H.	do.	315.00	
Suiter, Chas. S.	do.	837.67	
Thompson, Geo. F., jr.	do.	70.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Windham, Chas. F.	Clerk, at \$840.	\$840.00	
Wolfstyn, E. W.	do.	81.67	
Allen, Cornelius B.	Clerk-typewriter, at \$840	759.33	
Hillegass, Harry E.	do.	840.00	
Hoff, R. Warren.	do.	840.00	
Osborn, C. F.	do.	350.00	
Putnam, L. R.	do.	840.00	
Stratton, Jno. H., jr	do.	487.67	\$3.55
Walshe, W. Joseph.	do.	840.00	
Williams, Marion.	Clerk, at \$720.	709.00	
Grable, Hiram.	Classified laborer, at \$840	840.00	
Coles, Richman.	Laborer, at \$2.50 per diem	785.00	
Biehl, John.	Laborer, at \$2 per diem.	52.00	
Deen, James.	do.	256.00	
Melvin, O. E.	do.	548.00	
Smith, Wm.	do.	86.00	
Dewey, Edith W.	Laborer, at \$30 per month.	39.00	
Hosken, Selena.	do.	317.00	
Morrison, Mary.	do.	360.00	
Matz, Patience G.	Charwoman, at \$480 and \$600.	39.67	
Elliott, Ella F.	Charwoman, at 75 cents and \$1 per diem.	271.25	
Addison, Birdie.	Charwoman, at \$144.	17.20	
Steljes, Henry E. A.	Messenger boy, at \$360 and \$480.	380.00	
Total.		2,489,523.92	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
American Lead Pencil Co.	\$121.78	Union Envelope Co.	\$96.22
Andrews Paper Co., R. P.	620.37	United States Envelope Co.	1,322.85
Autofiller Pen Co., The.	4.85	Universal Register Co.	5.00
Ballantyne, R. Carter.	1,165.45	Vosburg & Whiting Co.	8.50
Baumgarten Co., Herman.	6.57	Yawman & Erbe Mfg. Co.	395.70
Baumgarten & Sons, J.	37.50		
Brentano's.	2.65	Total.	8,495.35
Burroughs Adding Machine Co.	1.50	<i>Miscellaneous supplies, etc.</i>	
Burt-Terry-Wilson Co.	6.00	American Can Co.	5.36
Chadwick Copying Book Co.	48.00	American Felt Co.	213.52
Cook, M. S.	4.25	American Linen Supply Co.	2.50
Davison & Co., H. C.	168.00	American Wood Working Machine Co.	94.75
Dietendorf & Waters.	6.00	Armourdale Ice Co.	16.20
Fort Wayne Printing Co.	5.00	Armstrong Laundry Co.	5.51
Hoskins, Wm. H.	2.75	Audit System Supplies Co.	18.18
Keyes, Carleton.	18.50	Ballantyne & Sons, Wm.	10.50
Lamb & Tilden.	935.58	Baltimore Cooperage Co.	51.50
Lewis & Co., W. Cary.	10.75	Baltimore Elec. Supply Co.	9.50
Library Bureau.	605.99	Barber & Ross.	288.34
Lincoln, Fred S.	5.90	Barker & Kelly.	49.50
McAdams, Wm. M. L.	24.75	Barnes, E. E.	242.54
Morrison Paper Co., E.	18.20	Barnes Electric Co.	3.85
Parker, D. Frank.	432.85	Beall, J. A.	25.00
Penfold Co., H. J.	1.75	Beavers Bros.	11.70
Pusey & Co.	3.80	Beavers, G. F.	19.40
Schmidt, Fred A.	20.06	Beavers, John M.	3.00
Schwarzman.	6.00	Becker & Co., Chas.	2.38
Stockett-Fiske Co.	7.50	Bensinger, Saml.	155.00
Stott Stationery Co.	12.85	Bernasco, J.	146.10
Swayze, W. L.	2,358.18		
Typewriter and Office Supply Co.	4.25		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Boggs & Buhl.....	\$6.92	Kinney, Jos. F.....	\$1.20
Bradford Lumber Co., Louis.....	1.60	Kirkpatrick, G. B.....	3.50
Brentano's.....	.36	Knickerbocker Ice Co.....	77.00
Brooks & Co., E. J.....	1,666.00	Koen, Hardy G.....	2.00
Browning & Middleton (Incorporated)	4.10	Lambie Co. (Incorporated), J. B.....	352.84
Bruce, Mary E.....	9.75	Lansburgh & Bro.....	11.35
Brundage, Minnie.....	16.00	Libby, Eugene G.....	60.00
Bullinger, E. W.....	3.80	Lilley, Tom.....	1.15
Burditt & Williams Co.....	2.25	Lowdermilk & Co., W. H.....	51.58
Burnet Co.....	1.39	Lutz & Co.....	14.00
Burroughs Adding Machine Co.....	253.18	McGraw & Elliott.....	.90
Cady, J. C., Jr.....	39.65	Magid, S.....	5.00
Capital Paper Box Co.....	10.00	Marine Towel Supply Co.....	12.00
Carpenter, C. L.....	43.90	Martin, Charles E.....	5.50
Carter, N. E.....	26.80	Martin & Day Ice and Fuel Co.....	39.48
Chicago Car Seal Co.....	84.00	Maryland Color Printing Co.....	3.45
Chicago Towel Supply Co.....	32.33	May Hardware Co., F. P.....	5.40
Church & Stephenson.....	698.25	Melchior's Machine Works, P.....	15.00
City Plumbing Co.....	3.50	Menagh Co., Jno. S.....	3.60
Clark, T. Edw.....	10.50	Merrill, Geo. F.....	3.00
Clark Co., R. P.....	5.58	Miller Lock Co.....	20.00
Columbia Towel Supply Co.....	18.00	Minnix Co. (Incorporated), N. M.....	1.50
Commercial News Publishing Co.....	2.25	Monarch Typewriter Co.....	1.75
Consumers' Co.....	68.25	Montague & Co., W. N.....	13.50
Cook Lawrence Co., The.....	1.80	Moore Company.....	.40
Doyle, D. A.....	5.00	Morgan & Wright.....	147.10
Dulin & Martin Co.....	6.00	Mueller Manufacturing Co., H.....	48.02
Du Perow, M.....	79.76	Murphy Co. (Incorporated), E. J.....	58.98
Dyer, W. H.....	409.75	Muth & Co., Geo. F.....	26.93
East St. Louis Tent & Awning Co.....	4.50	National Electric Supply Co.....	65.93
Edmonston, Chas. R.....	134.20	Nawrath, J. P.....	33.50
Eisinger Bros.....	20.00	Nebraska Electric Co.....	20.00
Elliott & Co., James.....	39.50	Nelson Refrigerator Co.....	196.00
Empire Window Cleaning Co.....	11.25	Newland Ice and Cold Storage Co., Geo. C.....	3.98
Espey, J. B.....	47.86	Nuckols, Jacob E.....	2.00
Fair, The.....	1.20	O'Donnell, James.....	18.00
Fennerty, Gus. M.....	3.50	Parker-Wilson Grocery Co.....	1.20
Forington, W. Scott.....	5.00	Parks & Co., Geo.....	9.40
Fourteenth Street Store.....	9.96	Pauls & Bro., G. C.....	4.75
Fowler Manufacturing Co.....	69.16	Petersen & Michelson Hardware Co.....	1.55
Fox, Fultz & Co.....	11.25	Polar Water Co.....	12.60
Fries, Beall & Sharp Co.....	34.20	Powers, J. H.....	2.25
Frisk, Mary.....	106.50	Pratt, Wm. E.....	222.00
Gallihier & Bro. (Incorporated), W. T.....	508.25	Quints Sons Co., S. H.....	12.00
Gate City Laundry Co.....	34.33	Rand, McNally & Co.....	3.00
Goodman, L. W.....	1.25	Reilly, Hugh.....	26.70
Graere Springs Co.....	9.00	Remington Typewriter Co.....	9.53
Great Bear Spring Co.....	117.50	Robinson Clay Products Co. of New York.....	2.88
Guide Publishing Co.....	6.75	Rogers & Sons, Milton.....	4.50
Haberle Bros.....	5.50	Roseville Carpenter and Building Co.....	41.00
Hagerty Bros. & Co.....	17.55	Rosslyn Packing Co.....	10.67
Hanson (Incorporated), C. H.....	1,770.00	Rudolph & West Co.....	96.72
Harmon, F. T.....	20.50	Sage's Trunk Depot.....	4.00
Hausz Stove and Hardware Co., C.....	1.10	Salem Glass Works.....	10.00
Heiskell & Co., P. H., Jr.....	22.26	Sarlet, A.....	8.63
Henry & Wright Manufacturing Co.....	107.25	Schafer & Co., E. G.....	8.40
Hill, Clarke & Co. (Incorporated).....	211.00	Schondan & Lynch.....	27.00
Hinchey Laundry.....	19.90	Schutte & Koerting Co.....	3.40
Holtzer-Cabot Electrical Co.....	144.49	Seamark, Harry F.....	12.50
Hopfenmaier, Lewis.....	12.00	Shea, N. H.....	68.33
Howard, Geo. E.....	7,465.50	Shore, Charles.....	8.65
Howard Label Co.....	2.00	Siegel, Cooper & Co.....	40.62
Hunter Dust-Killing Floor Oil Co. (In- corporated), C. T.....	2.50	Smith & Co., C. B.....	2.60
Initial Towel Supply Co.....	21.60	Smith Premier Typewriter Co.....	12.00
International Seal Co.....	14.00	Somerville Co., Thos.....	15.02
International Seal and Lock Co.....	2,880.00	Southern Printers Supply Co.....	36.30
James, Sallie.....	12.00	Standard Oil Co.....	5.33
Joseph, Jesse.....	5.50	Stechert & Co., G. E.....	29.85
Joyce Engraving Co., The Maurice.....	8.50	Stewart, Chas. A.....	2.00
Kansas City Stock Yards Co.....	9.00	Stock Yard Hardware and Paint Co.....	29.28
Keener & Co., W. T.....	13.00	Storey, George W.....	5.50
Kelly Towel Supply Co.....	4.50	Strong, Cobb & Co.....	2.67
Kellogg Switchboard and Supply Co.....	78.30	Terry & Co., J. B.....	17.50
Kelly, J. W.....	1.50	Tin Shop Co.....	26.50
Kidwell, Martha.....	108.00	Topham, James S.....	6.89
Killian Co., Geo. P.....	18.75		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight—Continued.</i>	
Transit House Stores.....	\$12.56	Glynn Transfer Co.....	\$4.50
Underwood Typewriter Co.....	1.00	Grand Rapids and Indiana R. R. Co.....	.75
Union Stock Yard and Transit Co.....	30.00	Hannon, Jas. S.....	3.86
University of California (Regents).....	12.00	Harris, Chas.....	76.75
Voigt, Edward.....	59.00	Holmes-Adkins Co.....	1.00
Wiegrefe & Sons, Theo.....	8.00	Knox Express Co., Geo. W.....	32.51
Williamson & Curran.....	7.70	Mendenhall Transfer Co.....	5.00
Woodward & Lothrop.....	44.55	New York, New Haven and Hartford	
Wright, Sanford.....	11.55	R. R. Co.....	.90
Yale & Towne Manufacturing Co.....	3,093.20	Oregon Short Line R. R. Co.....	2.33
Zichtl & Co., A.....	13.50	Oregon Transfer Co.....	.50
Ziesemitz, Wm. A.....	1.15	Pennsylvania R. R. Co.....	118.41
Total.....	24,480.83	Reliable Transfer Co. (Incorporated).....	.09
<i>Furniture.</i>		Roosa, I. P.....	.75
Andre & Andre.....	25.00	Southern Railway Co.....	2.20
Baker Office Furniture Co.....	64.75	Union Pacific R. R. Co.....	.91
Bedell Manufacturing Co.....	5.00	Wabash R. R. Co.....	4.93
Bimble, Van Wagener & Co.....	44.40	Total.....	479.28
Buxton & Skinner Stationery Co.....	27.50	<i>Express.</i>	
Claussen, Ed.....	15.00	Adams Express Co.....	905.04
Columbus Aseptic Furniture Co.....	22.50	United States Express Co.....	104.19
Cooper & Son, W. H.....	8.50	Total.....	1,099.23
Corey Co., Walter.....	5.75	<i>Telegraph.</i>	
Davis-Kaser Co.....	73.10	Postal Telegraph-Cable Co.....	250.44
Dinwoody Furniture Co.....	50.10	Western Union Telegraph Co.....	281.40
First Austrian Bent-Wood Furniture		Total.....	531.84
Manufacturing Co. (Limited).....	4.50	<i>Telephone.</i>	
Gehr & Son.....	3.00	Bell Telephone Co. of Missouri.....	74.98
Globe-Wernicke Co.....	101.25	Bell Telephone Co., Philadelphia.....	160.00
Greene, J. W.....	3.15	Chesapeake and Potomac Telephone Co.....	170.30
Hoeks, W. H.....	194.58	Chicago Telephone Co.....	149.02
Home Furniture Co.....	1.90	Colorado Telephone Co.....	48.68
Interstate Mercantile Co.....	15.00	Cuyahoga Telephone Co.....	72.00
Jones & Luberger.....	6.00	Frontier Telephone Co.....	48.00
Lansburgh Furniture & Carpet Co., J.		Home Telephone and Telegraph Co.....	48.00
Library Bureau.....	710.13	Indianapolis Telephone Co.....	80.00
Loughman Cabinet Co.....	51.00	Iowa Telephone Co.....	48.00
McCray Refrigerator Co.....	24.00	Kansas City Home Telephone Co.....	72.00
Macey Co.....	13.00	Kinlock Telephone Co.....	73.20
Macy & Co., R. H.....	5.02	Maryland Telephone Co.....	55.12
Miller, Stewart & Beaton.....	4.50	Michigan State Telephone Co.....	80.35
Moses & Sons, W. B.....	1,003.21	Missouri and Kansas Telephone Co.....	156.00
Mower-Hobart Co.....	19.50	Nebraska Telephone Co.....	51.00
Newark Desk Co.....	36.50	New England Telephone and Tele-	
Palace Furniture Co.....	36.50	graph Co.....	297.00
Remington Typewriter Co.....	4.50	New York Telephone Co.....	232.46
Rowell-Phelps Furniture Co.....	9.00	New York and New Jersey Telephone	
Sellaw, T. G.....	95.35	Co.....	312.60
Simple's.....	63.25	Pacific States Telephone and Tele-	
Sloane, W. & J.....	304.50	graph Co.....	27.09
Tape Bros.....	20.00	Pacific Telephone and Telegraph Co.....	116.35
Winter, A. G.....	3.00	Pittsburg and Allegheny Telephone	
Woodward & Lothrop.....	24.81	Co.....	40.00
Yawman & Erbe Manufacturing Co.....	111.10	Providence Telephone Co.....	66.87
Yegen Bros. (Incorporated).....	32.50	Sioux City Telephone Co.....	36.00
Total.....	3,256.83	Weehawken Stock Yards Co.....	11.85
<i>Freight.</i>		Wisconsin Telephone Co.....	72.00
Atchison, Topeka and Santa Fe Ry.		Total.....	2,598.78
Co.....	9.29	<i>Rent.</i>	
Baltimore and Ohio R. R. Co.....	7.81	American Radiator Co.....	1,540.00
Bangor and Aroostook R. R. Co.....	1.01	Belt Railroad and Stock Yards Co.....	120.00
Blue Line Transfer Co.....	6.59	Chemical Building Co.....	540.00
Chapman, S. M.....	187.50	Cincinnati Union Stock Yard Co.....	255.00
Chicago and Alton R. R. Co.....	.74	Denver Union Stock Yards Co.....	288.00
Chicago, Burlington and Quincy R. R.		Dold, Fred.....	240.00
Co.....	2.98		
Chicago and Northwestern Ry. Co.....	2.77		
Cleveland, Cincinnati, Chicago and St.			
Louis Ry.....	4.23		
Dolan Teaming Co., John F.....	.48		
Erie R. R. Co.....	.49		

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
East Buffalo Live Stock Exchange Co.	\$360.00	Redington & Co.	\$16.00
Fort Worth Stock Yards Co.	360.00	Richardson Drug Co.	99.29
Gahan, Sarah	1,350.00	Rowe & Son, A. C.	12.00
Gahan & Byrne	450.00	Sargent & Co., E. H.	1,189.96
Gill, R. T., R. L., A. S., Anna, Agnes, and C. B.	125.00	Schutte & Koerting Co.	5.00
Grand Trunk Ry. Co.	150.00	Thomas & Co., A. H.	211.17
Hammond Building Co.	300.00	Turner Brass Works	8.00
Illinois State Trust Co. Bank	450.00	Whitall, Tatum Co.	67.94
Kansas City Stock Yards Co. of Missouri	792.00	Wyeth & Bro. (Incorporated), John	990.00
Kirby, S. S.	300.00		
Lincoln Trust Co. of New Jersey	528.00	Total	6,863.18
McDermott, Dillon J.	960.00		
Macheca Real Estate and Improvement Co.	252.00	<i>Travel and station and field expenses.</i>	
Manufacturers' National Bank of Brooklyn, N. Y.	400.07	Abbe, C. M.	17.90
Munsey, Frank A.	4,889.97	Abbott, Everett W.	5.09
Oyster, James F.	240.00	Abel, Louis	171.61
Paterson Safe Deposit and Trust Co.	150.00	Ackerknecht, C. A.	73.09
Pittsburg Union Stock Yards Co.	180.00	Ainsworth, Fredk. W.	141.62
Providence Building Co.	276.00	Albert, Frank A. B.	13.64
St. Joseph Stock Yards Co.	780.00	Alleit, Clemmons T.	10.85
St. Louis National Stock Yards	600.00	Anderson, M. O.	17.09
St. Paul Union Stock Yards Co.	300.00	Andrews, Thos. A.	61.25
Silber, Arthur M.	500.00	Angell, A. B.	29.32
Sioux City Stock Yards Co.	460.00	Anglicker, Jacob	15.35
Society for Savings, Cleveland, Ohio	360.00	Anthony, G. A.	50.62
Stock Yards Bank	120.00	Armstrong, Harry E.	35.35
Trustee Co. of Seattle	300.00	Arnett, James B.	67.10
Trustees of the Oliver Building	900.00	Ashcroft, Wm. M.	9.74
Union Building Co.	375.00	Ashley, Alex. McC.	276.92
Union Stock Yards and Transit Co. of Chicago	1,980.00	Atherton, I. K.	19.65
United Owners' Realty Corporation	192.00	Atherton, O. G.	32.17
Total	22,363.04	Atherton, Wm. T.	23.05
		Aufente, Jno. R.	50.40
<i>Gas and electricity.</i>		Ayer, Don C.	62.08
New York Edison Co.	2.12	Babson, S. C.	32.35
New York Mutual Gas Light Co.	48.50	Bagby, Lorin	16.34
Public Service Corporation of New Jersey	10.54	Baker, G. G.	26.90
St. Clair County Gas and Electric Co.	27.68	Baker, Geo. S.	529.90
Total	88.84	Baker, H.	44.62
		Baker, L. R.	126.26
<i>Apparatus, instruments, and laboratory material.</i>		Baldwin, Boyd	42.30
American Distributing Co.	558.17	Baldwin, Chas. R.	29.59
Badische Co.	25.42	Balmer, W. M.	85.57
Baker & Co. (Incorporated)	3.44	Barker, Leroy W.	1.70
Bausch & Lomb Optical Co.	441.17	Barnhart, E. P.	13.10
Becker, Christian	14.40	Barton, C. M.	4.75
Berkfeld Filter Co.	36.00	Baumann, E. H.	107.45
Bishop & Co., J.	40.20	Beattie, J. G.	18.75
Borden & Selleck Co.	16.50	Becker, Dan C.	18.35
Bruce & Co., E. E.	7.55	Beechy, L. P.	48.50
Caire Co., Justinian	119.20	Behler, Clayton R.	99.75
Croslinire & Ackor	51.16	Behnke, A. E.	580.53
Daigger & Co., A.	81.62	Behrens, A. D.	730.57
Eimer & Amend	1,401.94	Bender, John E.	9.50
Evans, Henry	25.35	Benjamin, F. E.	132.68
Faxon & Gallagher Drug Co.	167.46	Benner, W. G.	67.25
Fuller & Fuller Co.	50.43	Bennett, S. E.	289.85
Gilman, Z. D.	279.16	Berdan, Augustus	15.17
Greiner Co., The Emil	132.70	Bertram, E. L.	440.96
Hammond Distilling Co.	24.75	Bibb, A. G.	83.60
Heil Chemical Co., Henry	1.80	Birce, Joseph	11.30
Iler & Co.	22.58	Blackwell, A. M.	23.10
Langley & Michaels Co.	18.00	Blackwell, J. E.	43.32
Mackall Bros.	637.78	Blount, Stephen L.	16.80
Mallinckrodt Chemical Works	41.96	Blume, R. B.	19.45
Merck & Co.	15.79	Boazman, Jas. B.	34.05
National Anilin & Chemical Co.	44.99	Bond, Stanley L.	35.33
Parke, Davis & Co.	4.30	Bontranger, C. F.	8.05
		Rower, Walter C.	24.65
		Boyd, B. W.	5.60
		Boyle, Charles F.	4.65
		Boyle, Chas. W.	25.55
		Boyle, Thos. H.	13.15
		Bracken, Wm. J.	27.05
		Bray, Thos. A.	31.45

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Brennan, Thos. A.....	\$11.43	Deming, C. W.....	\$228.55
Brewer, Walker A.....	10.75	Denell, Bert.....	29.85
Brock, R. O.....	314.52	Dennis, Vernon A.....	54.60
Brockoff, Fredk.....	29.35	De Ronde, John D.....	46.16
Brooks, John W.....	3.97	De Wolf, F. L.....	8.80
Brougham, Jos. J.....	278.70	Dey, Robt. F.....	23.53
Brown, G. S.....	105.86	Dietrich, Ephraim.....	1.37
Brown, H. E.....	130.39	Dillingham, W. I.....	37.22
Buck, J. M.....	1.50	Ditewig, George.....	1,597.89
Buckley, M. J.....	86.90	Doody, Wm. E.....	4.54
Bucknam, Wm. D.....	99.28	Dorset, M.....	359.55
Buffington, Ralph M.....	33.17	Dowd, Edward P.....	18.50
Bullock, Alfred D.....	424.51	Doyle, James C.....	64.75
Bundy, Edward A.....	184.05	Driscoll, Louis J.....	1.57
Burch, S. R.....	302.65	Due, Immanuel.....	1.52
Burchill, George D.....	4.80	Duffy, J. L.....	2.50
Burnett, D. C.....	127.89	Dunn, C. W.....	77.25
Burns, E. J.....	59.53	Dykstra, Frank J.....	47.25
Burson, W. M.....	221.12	Eagle, A. F.....	44.65
Burt, S. W.....	30.40	Eagle, John G.....	16.42
Busman, H.....	197.65	Eagle, Richard F.....	41.79
Butler, G. W.....	319.97	Eastman, Charles.....	14.35
Butler, Tait.....	470.19	Edstrom, Andrew S.....	1.02
Butts, Henry.....	19.99	Edwards, W. T.....	46.32
Byers, John D.....	107.53	EGgebrecht, W. C. H.....	1.50
Byron, Anton E.....	8.05	Eichorn, Adolph.....	15.05
Byron, W. J.....	25.00	Eikerenkotter, E. A.....	24.70
Caldwell, G. R.....	21.75	Emerick, Geo. A.....	1.77
Callanan, B. G.....	1.50	Emmitt, Otto.....	5.85
Calph, E. J.....	62.60	English, Andrew.....	22.50
Campbell, P. W.....	37.26	Erwin, Clarence.....	16.05
Carroll, C. C.....	48.55	Evans, Albert E.....	15.50
Cartmill, Louis J.....	26.80	Everly, O. W.....	37.85
Casper, A. M.....	37.20	Falk, William.....	72.32
Cassery, Timothy.....	55.60	Farley, D. S.....	3.25
Cavanagh, Chas. T.....	8.12	Farrington, A. M.....	432.46
Cervantes, Augustine A.....	75.05	Faun, George C.....	25.65
Chaney, H. B.....	219.40	Faville, Geo. C.....	55.15
Clancy, J. B.....	169.31	Featherstone, Geo. D.....	11.05
Clark, Clarence W.....	28.14	Fegan, Jas.....	58.38
Clements, Ralph L.....	866.40	Fegley, Nathan K.....	73.50
Clohesy, Edwin J.....	37.65	Feick, Henry.....	26.00
Cloud, J. E.....	6.60	Feighner, J. E.....	15.40
Coffman, T. Jeff.....	74.30	Fenstermacher, L. S. A.....	52.14
Cogswell, Walter K.....	17.25	Ferguson, Richard B.....	77.80
Coleman, G. J.....	8.10	Fess, Frank J.....	32.28
Colson, Chas. F.....	15.20	Finnegan, P. J.....	26.25
Conklin, Wm. D.....	22.83	Fischer, Paul.....	417.04
Conley, Chas. C.....	69.20	Fisher, Wm. H.....	9.85
Conmee, W. J.....	6.95	Fitzgerald, Jas. H.....	7.10
Conti, Joseph A.....	29.71	Fleischhauer, Hugo.....	32.33
Copithorn, H. K.....	7.90	Foard, William E.....	74.25
Coppock, David M.....	3.30	Formad, Robt. J.....	58.30
Corwin, Thomas E.....	28.62	Foster, Frank L.....	20.47
Cory, Robt. M.....	57.75	Fotheringham, Wm.....	4.94
Cox, Walter P.....	40.45	Franklin, Robt. M.....	12.16
Crahan, T. W.....	8.80	Franks, Joseph W.....	23.05
Cramer, Chas. F.....	6.55	Fretz, W. J.....	27.15
Crassman, E. A.....	105.85	Frey, Joseph.....	11.35
Crayne, Charles E.....	112.80	Fritsch, Fred J.....	17.80
Crean, Michael.....	13.62	Gagner, Alex. L.....	6.35
Crow, H. M.....	59.80	Gall, August.....	1.27
Cullen, David.....	6.41	Games, W. M.....	24.25
Culver, Edward G.....	58.07	Garbi, Louis.....	61.36
Cummins, James H.....	10.30	Gardner, John H., Jr.....	32.22
Cummins, Wm. M.....	58.90	Garland, James T.....	17.49
Curlless, U. S. G.....	7.90	Geddes, Tooie A.....	111.42
Curry, Fay.....	3.70	Geertsema, Bernard II.....	1.77
Dade, J. S.....	5.70	George, H. H.....	202.76
Dallas, Jno. T.....	5.35	Gibson, Charlie R.....	18.70
Daughtrey, Geo. H.....	18.20	Gibson, James.....	106.08
Davidson, Wm. A.....	4.24	Gibson, T. H.....	70.88
Davitt, M. H.....	115.92	Gilbert, Page L.....	11.87
Day, Chas. M.....	30.67	Gilmore, Frank J.....	36.98
Day, W. E.....	79.25	Goebel, Fred J.....	28.56
De Fosset, A. J.....	1.05	Goff, Wesley M.....	69.55

## BUREAU OF ANIMAL INDUSTRY—Continued

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Gooch, Benjamin F.....	\$12.70	Jackson, F. H.....	\$201.35
Gordon, Harris F.....	8.25	James, John A.....	42.75
Greeder, Herman.....	19.55	James, P. M.....	5.75
Green, Francis P.....	20.35	Jay, Robert.....	31.00
Green, L. K.....	420.46	Jelen, Frank.....	117.89
Greene, Joseph T.....	17.10	Jennings, W. E.....	76.70
Gregory, C. A.....	5.47	Jeselsohn, Ralph.....	.97
Gregory, M.....	10.80	Johnson, G. A.....	193.37
Grimm, Chas. H.....	29.69	Johnston, Carl A.....	83.00
Grundy, G. G.....	13.79	Jones, Thomas H.....	325.92
Gsell, Anton Gottlieb.....	8.85	Joss, E. C.....	562.00
Hackett, C. N.....	20.69	Joss, Jesse W.....	5.19
Hadley, F. B.....	1.18	Kaltwasser, F.....	18.70
Halbisch, Harry.....	64.27	Kanstoroom, D. S.....	27.80
Hale, James R.....	9.65	Keepers, Robert W.....	29.60
Handley, Geo. A.....	11.00	Keleher, Timothy F.....	8.92
Hardesty, F. D.....	56.97	Kellogg, Clarence F.....	21.20
Harris, A. E.....	31.40	Kelly, James F.....	84.56
Harris, John H.....	16.75	Kelly, Peter F.....	4.39
Harvey, Charles D.....	31.72	Kennedy, John A.....	33.40
Haupt, John A.....	7.60	Kerr, Robt. H.....	35.30
Hawes, Ben.....	3.42	Ketchum, F. D.....	275.93
Hawkins, Robt. B.....	43.50	Kilanoski, S. P.....	9.35
Haworth, Frank E.....	12.15	Kirkpatrick, R. H.....	19.25
Hayes, J. J.....	660.03	Kniffen, E. R.....	6.10
Hayes, M. J.....	34.30	Knorr, Geo. W.....	38.14
Hecker, Frank.....	34.72	Koen, A. R.....	52.94
Hedley, Clarke.....	28.80	Korfhagen, H. J.....	9.75
Hedrick, H. A.....	282.91	Kraus, Geo. F.....	29.21
Heldring, J. J. L.....	5.64	Kruse, Frederick A.....	10.25
Henderson, Frank.....	15.30	Kuenzel, Geo. A.....	56.00
Henderson, L. C.....	57.55	Lacy, Walter J.....	11.35
Henley, Robt. R.....	25.55	Lantz, M. S.....	190.85
Henneberger, W. B.....	92.72	Lappin, J. C.....	33.20
Hernan, John F.....	1.37	Lash, Elmer.....	1.24
Herrick, H. B.....	97.90	Lee, Alfred N.....	3.93
Hess, O. B.....	345.24	Lee, F. P.....	299.63
Heatzman, A. M.....	5.65	Lee, Oscar R.....	17.45
Hill, J. Bryan.....	8.35	Leech, W. W.....	31.63
Hills, John V.....	40.05	Lehr, W. G.....	3.77
Hirleman, A. L.....	38.46	Lewis, Watson.....	23.45
Hoagland, Ralph.....	49.50	Licking, Lewis A.....	22.55
Hoar, John M.....	56.50	Lincoln, W. B.....	48.75
Hobbs, Samuel P.....	27.85	Lindburg, O. E.....	26.65
Hoberg, John.....	21.15	Lindenberger, Geo. F.....	2.92
Hoerner, George J.....	3.46	Little, Elbert W.....	31.17
Hogan, Thomas F.....	31.70	Littlejohn, Howard I.....	41.80
Hollenbeck, J. B.....	28.65	Long, Albert.....	104.25
Holmes, B. A.....	8.75	Lonnou, Charles.....	2.50
Holt, Benjamin F.....	21.35	Luepke, John F.....	17.63
Holzman, W. R.....	34.55	Luks, A. E.....	32.15
Hope, Fred S.....	29.35	Lyman, Richard P.....	237.76
Hope, J. G.....	27.88	Lynn, John F.....	19.80
Hopkins, Frederick W.....	2.39	McBirney, John.....	7.20
Hopkins, Percy R.....	148.95	McBreen, Philip L.....	31.30
Hornlein, Otto.....	27.44	McBride, A.....	163.68
Horn, Michael J.....	42.72	McBryde, C. N.....	299.30
Houck, U. G.....	179.21	McCabe, Geo. P.....	30.85
Hoylman, Adger A.....	15.40	McCall, Charles A.....	104.50
Hoyman, Harry J.....	19.30	McCarty, W. F.....	64.85
Huelsel, Julius.....	147.10	McClelland, W. C.....	10.30
Hufford, Eldo E.....	86.00	McClure, E. R.....	17.00
Hughes, Joseph.....	282.41	McClure, S. W.....	34.55
Hughes, J. F.....	134.89	McConnell, Arthur.....	6.25
Huntington, F. W.....	73.98	McCoppin, Chas. R.....	8.75
Hurley, D. P.....	2.85	McDonnell, Wm.....	61.92
Hurley, John.....	74.24	McDonough, James H.....	3.75
Huxley, Winfield J.....	26.20	McGehee, L. H.....	13.90
Hyatt, Bradford A.....	20.22	McHugh, Wm. O.....	28.45
Hyde, Andrew.....	14.75	McKelney, Robert M.....	65.99
Hydrick, Geo. L.....	62.74	McKeown, T. H.....	55.29
Imler, F. A.....	21.63	McMullin, William.....	15.35
Ingram, S. R.....	4.00	Mahoney, Edward.....	71.74
Irons, Geo. T.....	49.70	Malone, Edward J.....	22.92
Irwin, A. N.....	40.95	Maloney, A. J.....	21.35
Iverson, J. P.....	15.30	Maloney, Michael J.....	28.82

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Marshall, Henry	\$116.03	Poage, John W.	\$14.95
Martin, A. L.	22.10	Potrykus, Joseph	8.95
Martins, A. F.	298.80	Potter, Geo. M.	42.32
Mattatal, I. C.	997.81	Potts, Fred W.	5.35
Matteson, Seth A.	9.65	Powick, Wilmer C.	10.62
Matthews, J. K.	107.80	Predmore, G. M.	23.70
Mauldin, C. E.	289.98	Price, J. O. F.	29.92
Maxson, R. Y.	83.56	Price, T. M.	36.24
Mayer, Oliver C.	15.55	Pritchard, Wm. T.	17.85
Mead, Rolla N.	40.69	Quinn, Henry	13.52
Megary, J. N.	9.30	Quinn, Patrick E.	23.30
Melvin, A. D.	240.83	Ramsdell, H. R.	228.82
Melvin, Joe.	5.31	Rathman, Fred J.	82.95
Metsker, Louis	24.25	Raven, John, jr.	1.15
Metz, John F.	7.25	Reed, Ernest L.	13.70
Meyer, Philip F. R.	35.05	Reed, E. Manford	17.55
Middleton, W. G.	22.15	Reidy, Jno. B.	32.26
Miller, Chester	57.20	Reid, Joseph C.	12.90
Miller, Harry L.	22.80	Renter, Walter W.	8.95
Miller, Joshua	82.92	Repp, George E.	35.80
Mitchell, W. Clyde	10.66	Reynolds, Bronte A.	2.90
Mohler, J. R.	252.50	Rice, R. G.	48.10
Mollan, Paul A.	12.55	Richardson, David T.	18.90
Montague, J. W.	108.92	Richards, Wm.	48.39
Moore, James M.	2.72	Rich, Theodore S.	73.05
Morrison, Robt. J.	26.45	Riddall, Theodore W.	29.65
Morrow, C. J.	28.55	Riemer, J. F.	102.10
Morse, Chas. H.	90.00	Rigdon, Frank	34.60
Mullings, Robt. M.	147.14	Rishel, A. E.	404.44
Muldowney, P. H.	567.41	Roadhouse, C. L.	2.55
Munn, John E.	20.90	Robbins, Hartwell	22.30
Munro, Jos. B.	9.67	Robinson, Chas. H.	17.95
Murphy, Richard F.	1.45	Robinson, Mark	46.08
Murphy, W. J.	112.65	Robinson, Oscar C.	14.90
Murray, F. E.	162.85	Robinson, William	10.95
Murray, Louis C.	14.45	Rogers, A. B.	14.85
Myer, Elisha	38.70	Roome, Henry	23.76
Myers, H. H.	26.85	Rose, W. H.	117.44
Neal, Jno. H.	1.82	Russell, Rufus C.	7.40
Neff, Geo. W.	15.81	Ryder, J. F.	508.33
Neil, W. N.	202.69	Sabourin, N. M.	82.95
Nelligan, Walter	41.95	St. Clair, Wm. N.	12.47
Nelson, Oscar	1.40	Sargent, L. E.	6.20
Nightbert, E. M.	707.81	Sater, Clinton H.	10.75
Niven, Andrew B.	40.60	Sawtell, Joseph E.	5.05
Norman, A. T.	29.00	Schaffter, E. P.	244.58
Norris, C. L.	16.35	Schauffer, C. A.	498.32
O'Banion, Archie L.	10.20	Schell, G. A.	10.60
O'Brien, John A.	3.00	Schloemer, August	10.55
Ochs, John J.	17.14	Schmid, John	33.35
Oelschlegel, Geo. C.	10.85	Schmidt, John P.	22.70
Olson, Luther E.	16.90	Schoening, Harry W.	18.15
Parks, G. H.	322.40	Schofield, Major	70.85
Otis, G. M.	22.55	Scott, Thos. W.	26.70
Otterman, Jas. L.	2.75	Selby, Chas. C.	27.74
Owen, F. D.	192.32	Selby, S. A.	3.02
Owens, Irvin	33.75	Settle, David E.	41.15
Painter, Geo. D.	28.35	Sevenster, John	3.30
Palm, Edward A.	14.90	Shaw, Herbert F.	25.13
Palmer, Charles F.	93.55	Shaw, Silas L.	15.75
Palmer, Lewis I.	21.53	Shields, Erastus P.	4.02
Parker, J. J.	57.70	Shields, Hugh	93.08
Partlan, Thos. S.	45.22	Shipley, T. A.	336.23
Payne, C. F.	1.55	Shore, Frederick V.	18.30
Peabody, H. C.	9.79	Shumway, Daniel G.	76.14
Pearson, A. A.	15.00	Siegmund, W. C.	4.40
Pease, E. H.	19.90	Sievert, Theodore J.	9.50
Peppard, Edward A.	1.77	Skrable, F. L.	19.91
Perry, F. M.	5.05	Slee, Jno. G.	114.05
Perry, Milton T.	95.55	Sloan, John A.	100.00
Petty, F. O.	20.75	Smart, J. J.	19.50
Pfaffman, George A.	25.10	Smith, Arthur N.	28.27
Pinger, W. R.	96.04	Smith, Herbert M.	506.86
Pistor, A. J.	1,719.09	Smith, Nathaniel B.	148.15

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Meat inspection, Bureau of Animal Industry, 1908, \$3,000,000"—Continued.*

Name.	Amount.	Name:	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Smith, Walter E.	\$36.97	Upton, Wallace L.	\$30.95
Smith, W. H., jr.	454.80	Van Allstyn, Wm. C.	208.05
Smith, Wm. M.	5.25	Vandervoort, Charles	4.74
Snider, Chas. H. P.	69.45	Vanscoy, Robt. M.	21.10
Snyder, O. W.	30.55	Veenstra, J. Y.	5.25
Songer, Lee C.	13.55	Verduin, F. J.	9.97
Sorensen, N. C.	107.54	Vermilya, R. F.	22.48
Sorrell, Walter	95.30	Wagoner, C. O.	31.15
Sowers, H. S.	1.70	Walch, Clemence C.	20.50
Sparhawk, Wm. T.	4.17	Walch, Chas. I.	13.45
Spindler, J. E.	47.85	Walker, C. C.	28.40
Sprawl, Edwin	74.08	Wallace, A. H.	280.60
Springer, S. M.	3.70	Waller, H. N.	435.43
Steckel, Leopold M.	11.00	Walls, A. C.	25.28
Steddom, R. P.	86.69	Walsh, Wm. P.	454.48
Steere, Jas. P.	18.03	Walter, Harry K.	121.40
Stephens, J. F.	6.40	Walton, C. M.	29.25
Stevens, F. L.	715.95	Ward, E. K.	45.80
Stevens, Simon G.	24.35	Warner, Geo. D.	1.10
Steuer, A. C.	15.50	Washburn, Henry J.	59.80
Stock, Sebastian	9.08	Washburn, L.	15.02
Stratton, John H., jr.	3.55	Watson, M. F.	26.00
Stratton, John J.	65.30	Weagly, C. B.	70.53
Strauss, William	7.69	Webster, John H.	136.60
Stroud, Wm. C.	33.76	Weeks, L. C.	23.48
Stuart, J. T.	18.80	Weihe, Walter E.	19.90
Sullivan, Walter A.	26.11	Wende, Bernharde P.	101.93
Sullivan, W. D.	15.15	Wilkens, Henry	72.83
Sullivan, Wm. J.	9.20	Wilkinson, James O.	30.55
Talbot, Joseph F.	4.09	Williams, H. S.	4.66
Talbot, Seth P.	22.60	Williams, R. W., jr.	62.70
Taylor, M. C.	.80	Willson, Frederick C.	34.47
Thackaberry, Jos. J.	67.80	Wilson, James	78.90
Thiem, Edwin B.	13.80	Wolf, Max	198.58
Thomas, A. J.	.87	Wolff, Frederick	3.82
Thomas, Geo. E.	52.00	Wolverton, T. J.	30.17
Thompson, Harry Q.	163.67	Wood, G. W.	9.45
Thompson, Jno. D.	70.95	Wooden, Morris	336.06
Thompson, J. K.	12.35	Woolfolk, G. H.	127.85
Thompson, J. R.	1.50	Woollen, D. M.	34.35
Thompson, R. E. L.	13.05	Woolsey, Cardinal W.	2.55
Tindall, W. S.	57.90	Wray, W. H.	250.42
Townsend, N. L.	199.50	Wright, W. D.	133.95
Treman, Walter	94.75	Yager, E. P.	3.40
Trone, W. O.	1.50	Young, G. D.	30.20
Tuck, Richard W.	30.67	Zimmerman, H. E.	8.40
Tucker, Geo. F.	28.60	Zollinger, John H.	6.18
Tuke, W. F.	11.32		
Turner, Albert J.	19.75	Total	45,695.02

Total amount of appropriation.....\$3,000,000.00  
 Total expenditures under above groups.....2,722,649.31

Unexpended balance.....277,350.69  
 Repayments to credit of appropriation.....69.34

Net unexpended balance.....277,420.03

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Ellenberger, W. P.	Veterinary inspector, at \$2,000.	\$1,833.33	\$376.63
Kiernan, J. A.	do.	1,748.21	1,256.22
MacKellar, Wm. M.	do.	2,000.00	740.52
Payne, A. J.	do.	1,833.33	563.37
Allen, Leslie J.	Veterinary inspector, at \$1,800; horse hire, \$324.	1,974.00	493.50
Brewer, Frank W.	Veterinary inspector, at \$1,800; horse hire, \$40.	190.00	
Browning, Geo. W.	Veterinary inspector, at \$1,800.	600.00	252.17
Coleman, Arthur T.	do.	785.00	
Everly, Ora W.	do.	770.00	
Gallagher, B. A.	do.	635.00	
Hanawalt, David C.	do.	600.00	
Hiatt, William L.	Veterinary inspector, at \$1,800; horse hire, \$240.	840.00	
Jackson, Roy E.	Veterinary inspector, at \$1,800.	600.00	
Murphy, Wilbur J.	do.	700.00	
Myers, Murray J.	do.	600.00	
Nighbert, E. M.	do.	450.00	
Parker, Joseph W.	do.	600.00	
Pope, Geo. W.	do.	150.00	
Price, John O. F.	do.	750.00	
Raque, Chas. A.	do.	785.00	
Stewart, Walter J.	do.	230.00	
Weihe, Walter E.	do.	600.00	
Wight, Alex. E.	do.	250.00	
Baumann, E. H.	Veterinary inspector, at \$1,600.	520.00	
Fry, William A.	Veterinary inspector, at \$1,600; horse hire, \$140.	673.33	
Henderson, E. P.	Veterinary inspector, at \$1,600.	564.45	
Hood, Harvey B.	do.	755.56	
Parkerson, Chas. A., jr.	do.	133.34	
Paul, Arthur.	do.	697.78	
Ragland, Marcus J.	do.	564.45	
Schofield, Major.	do.	782.23	
Aufente, John R.	Veterinary inspector, at \$1,400.	233.34	
Baker, Guy G.	do.	416.11	
Beattie, Joseph G.	do.	466.66	
Berdan, Augustus	do.	233.34	292.41
Caldwell, Harry	do.	493.89	
Coffy, Joseph P.	Veterinary inspector, at \$1,400; horse hire, \$35.	645.55	
Cole, Guy T.	Veterinary inspector, at \$1,400; horse hire, \$224.	680.66	
Cracroft, T. Byron	Veterinary inspector, at \$1,400; horse hire, \$30.	523.89	
Dennis, Vernon A.	Veterinary inspector, at \$1,400.	151.66	
Dumbauld, Harry	Veterinary inspector, at \$1,400; horse hire, \$240.	706.66	
Echols, Byron C.	Veterinary inspector, at \$1,400.	233.33	
Flaherty, George F.	do.	466.66	
Glenn, Harry H.	Veterinary inspector, at \$1,400; horse hire, \$240.	706.66	
Grace, Wm. A.	Veterinary inspector, at \$1,400.	23.34	
Hills, John V.	do.	490.01	
Lampe, Wm. H. G.	do.	58.33	80.70
Lingo, Frank J.	do.	58.33	34.36
Maloney, Alfred J.	do.	431.67	
Myers, Willis A.	do.	493.88	
Noyes, Ralph E.	do.	466.66	
Owen, Thomas M.	do.	493.89	
Parker, Julian J.	do.	42.78	
Pfaffman, George A.	do.	544.44	
Potter, George M.	do.	544.44	
Riddell, Theo. W.	do.	77.78	
Rigdon, Frank.	Veterinary inspector, at \$1,400; horse hire, \$120.	431.11	
Rigdon, Scott J.	Veterinary inspector, at \$1,400; horse hire, \$240.	706.66	
Robbins, Hartwell.	Veterinary inspector, at \$1,400.	544.44	
Rosenberger, Guy W.	do.	194.45	
Rosenberger, M.	do.	610.55	
Schmidt, John P.	do.	346.11	
Scott, Preston B.	do.	466.66	
Sorrell, Walter.	do.	73.89	
Steele, Joseph G.	Veterinary inspector, at \$1,400; horse hire, \$240.	706.66	
Warner, Dick E.	do.	706.66	
Washburn, Leo.	Veterinary inspector, at \$1,400.	77.78	
Yager, E. P.	do.	486.12	
Beattie, Robert S.	Veterinary inspector, at \$1,200; horse hire, \$180.	580.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
*"Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000"*—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Butler, J. S.	Veterinary inspector, at \$1,200.	\$200.00	\$339.67
Eastman, Chas.	Veterinary inspector, at \$1,200 and \$1,400.	646.66	
Galt, Sid.	Veterinary inspector, at \$1,200.	200.00	
Lull, Elmer E.	do.	200.00	338.53
Nance, Joseph E.	Veterinary inspector, at \$1,200; horse hire, \$32.	85.33	
Ney, William O.	Veterinary inspector, at \$1,200; horse hire, \$60.	160.00	
Petty, John W.	Veterinary inspector, at \$1,200.	46.67	18.65
Steuer, A. C.	Veterinary inspector, at \$1,200 and \$1,400.	492.23	
Will, Evan J.	Veterinary inspector, at \$1,200.	373.33	
Curtice, Cooper	Expert in tick eradication, at \$200 per month and \$2,250.	1,381.25	
Armistead, Henry.	Agent in tick eradication, at \$6.50 per diem.	117.00	
Winfree, P. B.	do.	338.00	
Richardson, M. H.	Agent in tick eradication, at \$6.25 per diem.	325.00	
Baucum, Geo. H.	Agent in tick eradication, at \$6 per diem.	306.00	
Emery, Frank E.	Agent in tick eradication, at \$1,800.	150.00	194.65
Williams, John S.	Agent in tick eradication, at \$4.75 per diem.	527.25	
Pettibone, A. H.	Agent in tick eradication, at \$1,500.	500.00	
Mize, T. W.	Agent in tick eradication, at \$4 per diem.	448.00	
Underwood, H. B.	do.	400.00	
Connell, R. M.	Agent in tick eradication, at \$1,200; horse hire, \$158.75.	582.08	
Clark, W. G.	Agent in tick eradication, at \$3 per diem.	156.00	
Covington, T. R.	do.	153.00	
Edwards, J. H.	do.	156.00	
Glick, S. H.	do.	30.00	
Lawson, Wm. F.	do.	30.00	
Niven, J. Frank.	do.	219.00	
Plyler, P. P. W.	do.	207.00	
Winfree, R. N.	do.	156.00	
Becker, Chas. J.	Agent in tick eradication, at \$1,000, and veterinary inspector, at \$1,400.	266.66	227.65
Benson, Thomas H.	Agent in tick eradication, at \$1,000; horse hire, \$240.	573.33	59.25
Chapin, Dwight D.	Agent in tick eradication, at \$1,000; horse hire, \$230.	563.33	118.01
Cole, Wm. W.	Agent in tick eradication, at \$1,000; horse hire, \$105.	355.00	64.91
Finley, G. M.	Agent in tick eradication, at \$1,000; horse hire, \$75.	241.67	102.97
Gibson, Charles H.	Agent in tick eradication, at \$1,000; horse hire, \$240.	573.33	
Gorton, Chas. T.	Agent in tick eradication, at \$1,000; horse hire, \$140.	473.33	85.15
Gourley, Thomas M.	Agent in tick eradication, at \$1,000; horse hire, \$240.	573.33	149.75
Hahn, Royal H.	do.	573.33	87.49
Kooker, Mark.	Agent in tick eradication, at \$1,000; horse hire, \$35.	118.33	19.70
Lane, Givens.	Agent in tick eradication, at \$1,000; horse hire, \$240.	573.33	
Merritt, Joseph G.	do.	573.33	
Morledge, Ralph.	Agent in tick eradication, at \$1,000; horse hire, \$60.	143.33	18.55
Quilliam, Chas. M.	Agent in tick eradication, at \$1,000.	427.77	
Rubel, Chester W.	do.	102.77	56.50
Squires, J. H.	do.	119.44	213.92
Wallace, Willis A.	Agent in tick eradication, at \$1,000; horse hire, \$60.	143.33	40.05
Bessent, Joseph.	Agent in tick eradication, at \$900; horse hire, \$60.	135.00	29.20
Crockett, James L.	Agent in tick eradication, at \$900; horse hire, \$180.	405.00	13.80
McClelland, John D.	do.	405.00	13.95
Riseling, Frederick.	Agent in tick eradication, at \$900.	300.00	25.89
Andrews, C. L.	Agent in tick eradication, at \$840; horse hire, \$37.	123.00	
Andrews, Edward B.	Agent in tick eradication, at \$840; horse hire, \$240.	520.00	
Andrews, Lucien.	Agent in tick eradication, at \$840; horse hire, \$180.	390.00	57.82
Arnett, David N.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	8.50
Baker, J. E.	Agent in tick eradication, at \$840; horse hire, \$127.	423.33	
Beakley, W. A.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Beckham, J. M.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Berry, James C.	Agent in tick eradication, at \$840; horse hire, \$240.	520.00	87.00
Bowers, S. B.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Boyd, M. D.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brawley, Wm.	Agent in tick eradication, at \$840; horse hire, \$33.	\$110.00	
Bullington, W. H.	Agent in tick eradication, at \$840; horse hire, \$56.	186.67	
Burkhalter, J. D.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Butler, C. T.	do.	300.00	
Cain, W. S.	do.	300.00	
Cantwell, John H.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	\$13.00
Carlock, L. H.	Agent in tick eradication, at \$840; horse hire, \$117.	390.00	
Carpenter, George.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	20.75
Carter, B. D.	Agent in tick eradication, at \$840; horse hire, \$127.	423.33	
Clare, H. D.	Agent in tick eradication, at \$840; horse hire, \$15.17.	59.50	
Clark, Louis N.	Agent in tick eradication, at \$840; horse hire, \$140.	420.00	85.00
Coleman, Walter A.	Agent in tick eradication, at \$840; horse hire, \$120.	200.00	45.15
Davidson, C. M.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Davis, Herbert F.	Agent in tick eradication, at \$840; horse hire, \$87.	290.00	
Davis, J. H.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Deahl, Nestor H.	Agent in tick eradication, at \$840; horse hire, \$140.	420.00	77.70
Denman, Wm. A.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	
Drake, James B.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	31.75
Enochs, Nathan.	Agent in tick eradication, at \$840; horse hire, \$29.	96.67	
Evans, David.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Floyd, J. N.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Fraday, J. E.	Agent in tick eradication, at \$840; horse hire, \$33.	110.00	
Frazier, F. A.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Fry, Chas. P.	Agent in tick eradication, at \$840; horse hire, \$180.	390.00	89.45
Fry, John L.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	9.75
Gaines, John L.	Agent in tick eradication, at \$840; horse hire, \$103.	343.33	
Gallagher, Frank A.	Agent in tick eradication, at \$840; horse hire, \$240.	520.00	38.95
Garrett, O. M.	Agent in tick eradication, at \$840; horse hire, \$13.	43.33	
Gideon, Oliver P.	Agent in tick eradication, at \$840; horse hire, \$105.	315.00	57.99
Good, Hampton H.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Greer, H. C., jr.	do.	100.00	
Gunn, John H.	Agent in tick eradication, at \$840; horse hire, \$87.	290.00	
Hampton, John M.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Harbison, G. W.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Haston, D. L.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Henry, James T.	Agent in tick eradication, at \$840; horse hire, \$86.	286.67	
Herring, L. J.	Agent in tick eradication, at \$840.	70.00	237.25
Hine, Ernest.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Holloway, J. H.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Jarvis, Daniel A.	Agent in tick eradication, at \$840; horse hire, \$111.	370.00	
Jarvis, G. W.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Johnson, Edward.	Agent in tick eradication, at \$840; horse hire, \$46.	153.33	
Johnson, J. D.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Jones, A. C.	Agent in tick eradication, at \$840.	70.00	221.89
Kell, O. T.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Knowles, P. P.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Koonce, L. F.	Agent in tick eradication, at \$840.	70.00	216.74
Lentz, G. W.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Lewallen, W. M.	Agent in tick eradication, at \$840 and \$900.	652.50	20.59
Lourey, Edward H.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
McArmick, Chas. E.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	33.76
McClain, Wm. A.	Agent in tick eradication, at \$840; horse hire, \$127.	423.33	
McLelland, Wm. W.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	10.50
Matthews, Virgil A.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	14.75
Meaders, Frank M.	Agent in tick eradication, at \$840; horse hire, \$33.	110.00	
Miller, Ira.	Agent in tick eradication, at \$840; horse hire, \$105.	315.00	62.10
Mitchell, Frank P.	Agent in tick eradication, at \$840; horse hire, \$53.	176.67	
Mock, Burt H.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	14.20
Moore, H. W.	Agent in tick eradication, at \$840; horse hire, \$127.	423.33	
Moore, M. D.	do.	423.33	
Niven, C. F.	Agent in tick eradication, at \$840.	140.00	343.89
Niven, L. A.	do.	140.00	366.43
Offield, John W.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	21.45
Oglesby, W. B.	Agent in tick eradication, at \$840.	296.33	
Overton, J. E.	do.	70.00	238.33
Owens, Claude S.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	25.65
Owens, C. T.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Pack, Bennette.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Pearce, Bart.	Agent in tick eradication, at \$840; horse hire, \$240.	\$520.00	\$108.69
Pennington, James F.	Agent in tick eradication, at \$840; horse hire, \$23.	76.67	
Persse, John C.	Agent in tick eradication, at \$840; horse hire, \$180.	390.00	27.80
Phillips, Robert.	Agent in tick eradication, at \$840; horse hire, \$59.	196.67	
Pinkstone, Theodore.	Agent in tick eradication, at \$840; horse hire, \$56.	186.66	
Pratt, Richard T.	Agent in tick eradication, at \$840.	149.33	314.18
Purveyer, E. F.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Query, A. J.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Quintrell, S. H.	Agent in tick eradication, at \$840; horse hire, \$21.	70.00	
Robinson, Chas. I.	Agent in tick eradication, at \$840; horse hire, \$33.	110.00	
Robinson, Charles W.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	
Rodgers, J. B.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Romines, J. P.	Agent in tick eradication, at \$840; horse hire, \$60.	200.00	
Safley, Jesse C.	Agent in tick eradication, at \$840; horse hire, \$103.	343.33	
Shepherd, Miriam K.	Agent in tick eradication, at \$840; horse hire, \$103.	315.00	64.75
Shipley, H. R.	Agent in tick eradication, at \$840; horse hire, \$119.	396.67	
Sims, W. A.	Agent in tick eradication, at \$840.	210.00	159.32
Smallmon, D. M.	Agent in tick eradication, at \$840; horse hire, \$112.	373.33	
Smith, Frank M.	Agent in tick eradication, at \$840; horse hire, \$60.	130.00	50.25
Smith, H. A.	Agent in tick eradication, at \$840; horse hire, \$69.	230.00	
Sommers, Frank.	Agent in tick eradication, at \$840; horse hire, \$140.	420.00	117.97
Sparkman, I. L.	Agent in tick eradication, at \$840; horse hire, \$115.	383.33	
Spoon, J. P.	Agent in tick eradication, at \$840.	70.00	195.94
Storie, I. R.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Swain, J. L.	Agent in tick eradication, at \$840; horse hire, \$39.	130.00	
Talbot, J. G.	Agent in tick eradication, at \$840; horse hire, \$90.	300.00	
Treeman, Fred D.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	25.18
Turlington, J. E.	Agent in tick eradication, at \$840.	226.33	
Waters, John T.	Agent in tick eradication, at \$840; horse hire, \$103.	343.33	
Whitmire, J. M.	Agent in tick eradication, at \$840; horse hire, \$69.	230.00	
Whitson, M. E.	Agent in tick eradication, at \$840; horse hire, \$119.	396.67	
Willbanks, T. S.	Agent in tick eradication, at \$840; horse hire, \$33.	110.00	
Williams, J. F.	Agent in tick eradication, at \$840; horse hire, \$127.	423.33	
Williams, J. T.	Agent in tick eradication, at \$840; horse hire, \$120.	400.00	
Willis, W. G.	Agent in tick eradication, at \$840; horse hire, \$59.	196.67	
Wright, T. M.	Agent in tick eradication, at \$840; horse hire, \$103.	343.33	
Coleman, H. H.	Agent in tick eradication, at \$720; horse hire, \$46.	138.00	
Garrett, H. W.	Agent in tick eradication, at \$720; horse hire, \$45.	135.00	
Robinson, M. F.	Agent in tick eradication, at \$720; horse hire, \$47.	141.00	
Rush, J. R.	Agent in tick eradication, at \$720; horse hire, \$48.	144.00	
Willis, W. D.	do.	144.00	
Park, A. B.	Agent in tick eradication, at \$50 per month.	120.00	132.75
Shelton, E. W.	do.	150.00	174.65
Roberts, G. A.	Expert, at \$1,500.	125.00	229.24
Jorden, William D.	Live stock inspector, at \$1,400; horse hire, \$240.	706.66	
McCunningham, Dan.	Live stock inspector, at \$1,400; horse hire, \$224.	659.56	
Lentz, E. S.	Tagger, at \$900.	300.00	
Bell, Thomas.	Clerk, at \$900.	32.50	
Ulmann, Oscar.	Clerk, at \$900 and \$1,100.	213.33	
Featherston, Oscar A.	Clerk, at \$840.	105.00	
Slicer, Heber M.	Clerk and typewriter, at \$840.	770.00	
Smith, Geo.	do.	770.00	
Total.		89,245.15	

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Fox, J. C. ....	\$117.00	Fry, William A. ....	\$314.07
<i>Freight.</i>		Gallagher, B. A. ....	678.98
Southern Railway Co. ....	92.64	Gallagher, Frank A. ....	38.95
<i>Telegraph.</i>		Galt, Sid. ....	154.00
Postal Telegraph-Cable Co. ....	12.69	Gaston, Jno. T. ....	18.11
Western Union Telegraph Co. ....	18.33	Gibson, Chas. H. ....	119.60
<i>Total.</i> .....	31.02	Gideon, Oliver P. ....	57.99
<i>Telephone.</i>		Glenn, Harry H. ....	163.32
Cumberland Telephone and Telegraph Co. ....	51.66	Gorton, Chas. T. ....	85.15
<i>Rent.</i>		Gourley, Thomas M. ....	149.75
Krise, P. A. ....	90.00	Grace, William A. ....	90.43
<i>Travel and station and field expenses.</i>		Graybill, H. W. ....	73.96
Allen, L. J. ....	379.30	Hahn, Royal H. ....	87.49
Anderson, Fred N. ....	49.63	Hanawalt, D. C. ....	379.42
Andrews, E. B. ....	133.35	Hart, Harry M. ....	36.94
Andrews, Lucien ....	57.82	Henderson, C. P. ....	500.20
Arnett, David N. ....	8.50	Herring, L. J. ....	237.25
Aufente, Jno. R. ....	365.75	Hiatt, William L. ....	186.08
Baker, G. G. ....	247.25	Hills, John V. ....	430.38
Baumann, E. H. ....	216.55	Hood, H. B. ....	361.40
Beattie, J. G. ....	158.85	Jackson, R. E. ....	347.02
Beattie, Robt. S. ....	198.65	Jones, A. C. ....	221.89
Becker, C. J. ....	227.65	Jones, Clinton H. ....	40.75
Benson, Thomas H. ....	59.25	Jordan, William D. ....	130.80
Berdan, Augustus ....	277.24	Kiernan, J. A. ....	1,243.22
Berry, James C. ....	87.00	Kooker, Mark. ....	19.70
Bessent, Jos. ....	29.20	Koonce, L. F. ....	216.74
Brewer, Frank W. ....	50.46	Lampe, W. H. G. ....	80.70
Browning, G. W. ....	252.17	Lane, Givens. ....	185.72
Bushong, Jos. P. ....	70.07	Lentz, E. S. ....	236.05
Butler, J. S. ....	339.67	Leonard, Harry B. ....	48.95
Caldwell, Harry ....	653.43	Lewallen, W. M. ....	20.59
Cantwell, John H. ....	13.00	Lingo, Frank J. ....	34.36
Carpenter, Geo. ....	20.75	Lull, E. E. ....	338.53
Chapin, Dwight D. ....	118.01	Lumby, Chas. L. ....	112.82
Clark, Louis N. ....	85.00	McArmick, Chas. E. ....	33.76
Clime, Winfield S. ....	14.90	McClelland, Jno. D. ....	13.95
Coffy, Joseph P. ....	316.96	McCunningham, Dan. ....	80.65
Cole, Guy T. ....	99.33	McClelland, Wm. W. ....	10.50
Cole, William W. ....	64.91	Mackellar, Wm. M. ....	740.52
Coleman, Arthur T. ....	291.06	Maloney, A. J. ....	207.38
Coleman, Walter A. ....	45.15	Mathews, Virgil A. ....	14.75
Connell, R. M. ....	210.80	Mauldin, C. E. ....	4.85
Copithorn, H. K. ....	73.66	Merritt, Jos. G. ....	67.10
Corbett, Chas. M. ....	71.80	Miller, Ira. ....	62.10
Cracroft, T. B. ....	248.40	Mock, Burt H. ....	14.20
Crockett, Jas. L. ....	13.80	Moreledge, Ralph. ....	18.55
Curtice, Cooper ....	683.51	Murphy, Jos. W. ....	80.53
Deahl, Nestor H. ....	77.70	Murphy, W. J. ....	397.75
De Hart, H. L. ....	37.00	Myers, M. J. ....	235.03
Denman, Wm. A. ....	57.39	Myers, W. A. ....	454.32
Dennis, Vernon A. ....	44.55	Nance, Joseph E. ....	24.19
Drake, James B. ....	31.75	Ney, Wm. O. ....	16.99
Dumbauld, Harry ....	148.82	Nightert, E. M. ....	328.20
Eastman, Charles ....	291.10	Niven, C. F. ....	343.89
Echols, Byron C. ....	107.36	Niven, L. A. ....	366.43
Ellenberger, W. P. ....	368.08	Noyes, R. E. ....	301.15
Emery, Frank E. ....	194.65	Offield, Jno. W. ....	21.45
Everly, O. W. ....	525.96	Oglesby, W. B. ....	485.17
Fauteck, Louis R. ....	30.06	Oldham, Jas. S. ....	56.58
Faville, Geo. C. ....	18.15	Overton, J. E. ....	238.33
Finley, G. M. ....	102.97	Owen, Thomas M. ....	547.34
Flaherty, Geo. F. ....	265.01	Owens, Claude S. ....	25.65
Fry, Chas. P. ....	89.45	Park, A. B. ....	132.75
Fry, John L. ....	9.75	Parker, J. J. ....	104.83
		Parker, Jos. W. ....	339.30
		Parkerson, Chas. A., jr. ....	136.30
		Paul, Arthur. ....	446.79
		Payne, A. J. ....	563.37
		Pearce, Bart. ....	108.69
		Persse, John C. ....	27.80
		Pettibone, A. H. ....	144.53
		Petty, J. W. ....	18.65
		Pfaffman, George A. ....	237.30
		Pope, G. W. ....	41.65
		Potter, Geo. M. ....	347.25

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, Bureau of Animal Industry, 1908, \$125,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Pratt, R. T. ....	\$314. 18	Smith, Ernest J. ....	\$63. 30
Price, J. O. F. ....	338. 61	Smith, Frank M. ....	50. 25
Quillian, Chas. M. ....	340. 73	Sommers, Frank. ....	117. 97
Ragland, M. J. ....	500. 54	Sorrell, Walter. ....	69. 40
Raque, Chas. A. ....	218. 30	Sparkman, I. L. ....	55. 60
Riddell, Theodore W. ....	142. 36	Spoon, J. P. ....	195. 94
Rigdon, Frank. ....	73. 52	Squires, J. H. ....	213. 92
Rigdon, Scott J. ....	118. 15	Steele, Jos. G. ....	106. 78
Riseling, Frederick. ....	25. 89	Stever, A. C. ....	561. 23
Robards, Jesse. ....	5. 00	Stewart, Walter J. ....	15. 18
Robbins, Hartwell. ....	384. 87	Thornton, E. L. ....	48. 15
Roberts, G. A. ....	229. 24	Treeman, Fred D. ....	25. 18
Rosenberger, Guy W. ....	122. 65	Turlington, J. E. ....	427. 33
Rosenberger, Maynard. ....	374. 35	Veit, William. ....	76. 90
Rubel, C. W. ....	56. 50	Vermillion, R. C. ....	196. 20
Ruth, Erwin C. ....	20. 09	Wallace, Willis, A. ....	40. 05
Saunders, J. B. ....	36. 70	Warner, Dick E. ....	110. 74
Schmidt, Jno. P. ....	210. 26	Washburn, L. ....	106. 75
Schofield, Major. ....	440. 10	Watkins, Robt. E. ....	35. 15
Scott, P. B. ....	279. 95	Weihe, Walter E. ....	144. 65
Seymour, C. H. ....	34. 91	Wight, Alexander E. ....	233. 75
Shearer, Jno. C. ....	47. 38	Will, Evan J. ....	442. 21
Shelton, E. W. ....	174. 65	Wood, E. P. ....	94. 47
Shepherd, Miram K. ....	64. 75	Yager, E. P. ....	532. 66
Sims, W. A. ....	159. 32		
Slicer, Heter M. ....	9. 05	Total. ....	32,629. 15
Smallmon, D. M. ....	17. 00		

Total amount of appropriation. ....	\$125,000. 00
Total expenditures under above groups. ....	122,256. 62
Unexpended balance. ....	2,743. 38
Repayment to credit of appropriation. ....	5. 00
Net unexpended balance. ....	2,748. 38

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, 1907-8, \$10,811.90."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Ellenberger, W. P. ....	Veterinary inspector, at \$2,000. ....	\$166. 67	
Kiernan, J. A. ....	do. ....	251. 79	
MacKellar, William M. ....	do. ....	166. 67	
Payne, Albert J. ....	do. ....	166. 67	
Allen, Leslie J. ....	Veterinary inspector, at \$1,800; horse hire, \$57.50. ....	207. 50	
Everly, Ora W. ....	Veterinary inspector, at \$1,800. ....	150. 00	
Gallagher, B. A. ....	do. ....	150. 00	
Hanawalt, David C. ....	do. ....	150. 00	
Hiatt, William L. ....	Veterinary inspector, at \$1,800; horse hire, at \$75. ....	225. 00	
Jackson, Roy E. ....	Veterinary inspector, at \$1,800. ....	150. 00	
Murphy, Wilbur J. ....	do. ....	150. 00	
Parker, Joseph W. ....	do. ....	150. 00	
Raque, Charles A. ....	do. ....	150. 00	
Stewart, Walter J. ....	do. ....	150. 00	
Fry, William A. ....	Veterinary inspector, at \$1,600; horse hire, \$35. ....	168. 34	
Henderson, Edwin P. ....	Veterinary inspector, at \$1,600. ....	133. 33	
Hood, Harvey B. ....	do. ....	133. 34	
Paul, Arthur. ....	do. ....	133. 34	
Ragland, Marcus J. ....	do. ....	133. 33	
Schofield, Major. ....	do. ....	133. 34	
			\$361. 40

## BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, 1907-8, \$10,811.90"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Aufente, Jno. R.	Veterinary inspector, at \$1,400.	\$112.78	
Berdan, Augustus	do.	116.66	
Caldwell, Harry	do.	116.66	
Cracroft, T. Byron	do.	116.66	
Dennis, Vernon A.	do.	116.67	
Hills, John V.	do.	116.66	
Owen, Thomas M.	do.	233.33	
Rosenberger, Maynard	do.	116.67	
Sorrell, Walter	do.	116.66	
Yager, Eddie P.	do.	116.66	
Butler, J. S.	Veterinary inspector, at \$1,200.	100.00	
Lull, Elmer E.	do.	100.00	
Stever, Arthur C.	do.	70.00	
Will, Evan J.	do.	100.00	
Winfree, Patrick B.	Agent in tick eradication, at \$6.50 per diem.	175.50	
Richardson, M. H.	Agent in tick eradication, at \$6.25 per diem.	162.50	
Baucom, Geo. H.	Agent in tick eradication, at \$6 per diem.	162.00	
Emery, Frank E.	Agent in tick eradication, at \$1,800.	300.00	
Williams, John S.	Agent in tick eradication, at \$1.75 per diem.	247.00	
Pettibone, A. H.	Agent in tick eradication, at \$1,500.	125.00	
Mize, T. W.	Agent in tick eradication, at \$4 per diem.	100.00	
Underwood, H. B.	do.	96.00	
Connell, R. M.	Agent in tick eradication, at \$1,200; horse hire, \$75.	275.00	
Clark, Walter G.	Agent in tick eradication, at \$3 per diem.	81.00	
Covington, T. R.	do.	81.00	
Edwards, J. H.	do.	78.00	
Glick, S. H.	do.	81.00	
Iawson, W. F.	do.	75.00	
Niven, J. F.	do.	81.00	
Flyler, P. P. W.	do.	78.00	
V infree, Robert N.	do.	81.00	
De Hart, H. L.	Agent in tick eradication, at \$1,000; horse hire, \$37.50.	120.83	\$37.00
Finley, Geo. M.	do.	120.83	
Gourley, Thomas M.	Agent in tick eradication, at \$1,000; horse hire, \$60.	143.34	
Hahn, Royal H.	do.	143.34	
Jones, Clinton H.	Agent in tick eradication, at \$1,000; horse hire, \$37.50.	120.83	40.75
Morledge, Ralph.	Agent in tick eradication, at \$1,000; horse hire, \$75.	158.34	
Saunders, Jno. B.	Agent in tick eradication, at \$1,000; horse hire, \$37.50.	120.83	36.70
Seymour, C. H.	do.	120.83	34.91
Shearer, Jno. C.	do.	120.83	41.38
Squires, J. H.	Agent in tick eradication, at \$1,000.	166.67	
Wood, E. P.	do.	83.33	94.47
Andrews, C. L.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Baker, J. E.	do.	100.00	
Beckham, J. M.	do.	100.00	
Chapin, Dwight D.	Agent in tick eradication, at \$840; horse hire, \$7.50.	54.17	
Davidson, C. M.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Hampton, John M.	do.	100.00	
Herring, L. J.	Agent in tick eradication, at \$840.	70.00	
Jones, A. C.	do.	70.00	
Knowles, P. P.	Agent in tick eradication, at \$840; horse hire, \$30.	100.00	
Koonce, L. F.	Agent in tick eradication, at \$840.	70.00	
Lewallen, W. M.	do.	210.00	
Niven, C. F.	do.	70.00	
Niven, L. A.	do.	70.00	
Oglesby, W. B.	do.	70.00	
Overton, James E.	do.	70.00	
Pratt, Richard T.	do.	140.00	
Spoon, J. P.	do.	70.00	
Treman, Fred D.	Agent in tick eradication, at \$840; horse hire, \$35.	105.00	
Turlington, John E.	Agent in tick eradication, at \$840.	70.00	

## BUREAU OF ANIMAL INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Eradicating cattle ticks, 1907-8, \$10,811.90"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Roberts, G. A. ....	Expert, at \$1,500.....	\$125. 00	.....
Klein, L. A. ....	Expert, at \$200.....	83. 33	.....
Jorden, William D. ....	Live-stock agent, at \$1,400; horse hire, \$35.....	151. 67	.....
Lentz, E. S. ....	Tagger, at \$900.....	75. 00	.....
Slicer, Heber M. ....	Clerk and typewriter, at \$840.....	70. 00	.....
Total.....		10,811. 90	.....

Total amount of above appropriation.....	\$10,811. 90
Total expenditures under above groups.....	10,811. 90

## RECAPITULATION.

Statutory salaries.....	\$79,468. 61
Lump-fund salaries in Washington.....	236,682. 75
Lump-fund salaries outside of Washington.....	3,062,043. 99
Stationery.....	12,563. 39
Miscellaneous supplies and services, equipment, books, machinery, etc.....	112,611. 15
Furniture.....	7,954. 65
Fuel.....	1,553. 32
Freight.....	1,582. 89
Express.....	1,949. 89
Telegraph.....	963. 50
Telephone.....	3,530. 88
Rent.....	30,475. 44
Gas and electricity.....	3,680. 06
Apparatus, instruments, and laboratory material.....	18,217. 73
Printing and binding.....	.....
Travel and station and field expenses.....	259,773. 80
Total for entire Bureau of Animal Industry.....	3,863,052. 05
Total amount of appropriations.....	4,168,291. 90
Total expenditures under above groups.....	3,863,052. 05
Unexpended balance.....	305,239. 85
Repayments to credit of appropriations.....	1,748. 89
Net unexpended balance on September 30, 1908.....	306,988. 74
Outstanding liabilities on September 30, 1908 (estimated).....	30,192. 48
Balance to be turned back into Treasury (estimated).....	276,796. 26

## PROJECTS.

The principal projects conducted by the Bureau of Animal Industry during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## MEAT INSPECTION.

This work was carried on at 787 establishments located in 211 cities and towns. It covers the ante-mortem inspection of animals to be slaughtered and the post-mortem inspection of their carcasses, the reinspection of meats and meat-food products prepared therefrom, the supervision of processes of preparation of meats and meat-food products and the branding or other marking of wholesome carcasses, parts, and meat-food products prepared for interstate or export trade, and the issuance of certificates to accompany export products; also the condemnation and disposition of carcasses, parts of carcasses, and meat-food products that are found to be unwholesome and unfit for human food. The cost of this work for the year was \$2,606,942.08 for salaries, \$38,225.50 for traveling expenses, and \$77,816.10 for supplies and miscellaneous items; a total of \$2,722,983.68.

## ERADICATION OF SCABIES IN SHEEP AND CATTLE.

This work was carried on principally in the range states and territories and at feeding stations and stock yards. It involves the inspection and dipping of large numbers of cattle and sheep, the issuance of certificates, and the supervision of transportation and cleaning of cars. The cost was \$306,285.56 for salaries, \$136,849.90 for traveling expenses, and \$4,944.88 for miscellaneous items; a total of \$448,080.34.

## ERADICATION OF CATTLE TICKS.

This work, done in cooperation with state and territorial authorities, was inaugurated and conducted in 14 States. It is carried on mainly in areas contiguous to the Texas fever quarantine line, and includes the inspection of cattle, the location of infected animals and premises, their reinspection, and their treatment, or supervision or direction of same, with a view to freeing such areas of Texas-fever ticks, in order that the quarantine may be removed therefrom. The cost was \$136,420.47 for salaries, \$49,518.52 for traveling expenses, and \$3,295.95 for supplies and miscellaneous items; a total of \$189,234.94.

## SPECIAL INVESTIGATIONS.

This work consists in the investigation of reported outbreaks of disease in the different States, and has for its purpose the repression of animal diseases by cooperation with the state authorities. The cost of this work was \$2,750.61 for salaries, \$4,249.36 for traveling expenses, and \$1,044.64 for miscellaneous expenses; a total of \$8,044.61.

## INSPECTION OF SOUTHERN CATTLE.

This work covers the enforcement of the quarantine against the area infested with ticks which convey the disease generally known as Texas or southern fever, the supervision of the movement of cattle therefrom and of their transportation and handling in stock yards, and cleaning of cars in accordance with the regulations. The cost was \$32,572.99 for salaries, \$7,729.45 for traveling expenses, and \$429.19 for miscellaneous items; a total of \$40,731.63.

## SCIENTIFIC INVESTIGATIONS RELATING TO ANIMAL DISEASES.

This work is carried on for the purpose of studying the causes of diseases affecting animals and of ascertaining the methods best adapted for controlling and curing them. It includes investigations and experiments along various lines, the preparation and distribution of blackleg vaccine, tuberculin, and mallein, and requires the maintenance of laboratories, an experiment station, and a library. The cost was \$57,080.64 for salaries, \$1,374.15 for traveling expenses, and \$41,075.19 for supplies and miscellaneous expenses; a total of \$99,529.98.

## INVESTIGATIONS IN ANIMAL HUSBANDRY AND EXPERIMENTS IN BREEDING AND FEEDING.

This work includes experiments in animal breeding and feeding in cooperation with state experiment stations, the collection of information relating to the breeding and feeding of farm animals, and the supervision of pedigree-record associations. The cost was \$28,170.79 for salaries, \$6,112.36 for traveling expenses, and \$38,709.34 for miscellaneous expenses; a total of \$72,992.49.

## DAIRY INVESTIGATIONS AND INSPECTION OF DAIRY PRODUCTS.

This work covers general investigations in dairy subjects; special lines of work relating to dairy organizations, laws, and development of foreign markets; investigations in the manufacture of dairy products; inspection of dairy exports, and of factories and markets for renovated butter. The cost was \$65,170.13 for salaries, \$26,882.64 for traveling expenses, and \$14,950.57 for miscellaneous items; a total of \$107,003.34.

## INSPECTION OF ANIMALS FOR EXPORT.

This work is carried on at the more important stock yards, ports on the Atlantic and Pacific seaboard, and at Canadian and Mexican border points, and includes, together with their inspection, the tuberculin testing of all breeding cattle and milch cows, and the mallein testing of horses for shipment to Canada, as well as the careful

inspection of all sheep, swine, and goats. Only animals found to be healthy and free from disease and shown not to have been exposed to the contagion of any disease, and that are otherwise fit, are allowed shipment. An inspection likewise is made of the cars and boats carrying such animals to the ocean steamer to see that these are properly cleaned and disinfected, and of the steamer to see that it is properly fitted and spaced for carrying the different kinds of animals and equipped as prescribed by the department regulations for the purpose. Certificates of export are issued for cattle and for the other different kinds of animals, including horses intended for shipment to countries requiring certificates of inspection. Two inspectors are stationed in Great Britain for the purpose of observing and reporting on the condition of animals when they are landed. The cost of this work was \$12,037.78 for salaries, \$4,411.39 for traveling expenses, and \$235.50 for supplies and miscellaneous items; a total of \$16,684.67.

## INSPECTION OF IMPORTED ANIMALS.

The object and purpose of this work is the prevention of the introduction of contagious diseases. For cattle, sheep, swine, and goats, a permit to import must first be obtained from the Secretary of Agriculture, and these animals must be accompanied by certificates of health from the proper officials of the district and country from which shipped. Cattle coming from Europe must likewise be accompanied by satisfactory tuberculin-test charts by an inspector of this department stationed in Great Britain, or they must be subjected to the tuberculin test while in quarantine. Canadian cattle are admitted if accompanied by a satisfactory tuberculin-test certificate issued by a Canadian official veterinarian, otherwise they are subjected to a short period of quarantine and the tuberculin test at the border. Horses are admitted on passing a satisfactory inspection by a department veterinarian at the port of entry. The import work involves the inspection of animals imported from Mexico and Canada and through certain designated seaports, at which animal quarantine stations are maintained, all ruminant animals and swine being subject to quarantine. The cost of this work was \$15,654.06 for salaries, \$1,917.45 for traveling expenses, and \$1,560.24 for supplies and miscellaneous items; a total of \$19,131.75.

## GENERAL SUPERVISION AND MISCELLANEOUS WORK.

The general administrative work of the bureau cost \$35,245.77 for salaries, \$2,816.69 for traveling expenses, and \$25,860.03 for miscellaneous items; a total of \$63,922.49.

## BUREAU OF PLANT INDUSTRY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Bureau of Plant Industry, 1908, \$189,450."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Galloway, B. T.	Chief of Bureau, at \$5,000.	\$5,000.00	\$244.83
Jones, James E.	Chief clerk, at \$2,250.	2,250.00	
Rockwell, J. E.	Editor, at \$2,000.	2,000.00	
Estabrook, Leon M.	Officer in charge of records.	2,000.00	
Byrnes, E. M.	Superintendent gardens and grounds, at \$1,800.	1,800.00	4.49
Fealy, Nellie E.	Clerk, class 4.	1,800.00	
Henkel, Alice.	do.	1,725.00	
Jones, O. F.	do.	1,610.00	
Taylor, W. E.	do.	150.00	
Long, W. W.	do.	1,800.00	
Byrner, H. A.	Clerk, class 3.	1,533.34	
Henkel, Alice.	do.	66.67	
Bradley, E. H.	do.	1,466.66	
Callander, W. F.	do.	133.34	
Gochenour, W. P.	do.	1,600.00	
Huddleson, S. M.	do.	1,600.00	
Irwin, W. N.	do.	1,600.00	
Marcy, W. L.	do.	133.34	
Taylor, W. E.	do.	1,466.66	
Saunders, B. C.	do.	1,600.00	
Wight, J. C.	do.	1,600.00	
Albee, R. S.	Clerk, class 2.	1,400.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Plant Industry, 1908, \$189,450"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Ball, W. A.	Clerk, class 2.	\$1,400.00	
Benner, H. A.	do.	58.33	
Reed, C. W.	do.	1,263.89	
Callander, W. F.	do.	1,283.33	
Garton, A. C.	do.	116.67	
Cox, W. P.	do.	1,400.00	
Ferrall, John A.	do.	1,400.00	
Kinney, Anna H. B.	do.	1,384.44	
McClure, Mary M.	do.	1,400.00	
Marcy, W. L.	do.	1,283.33	
Oberly, Eunice R.	do.	116.67	
Meloy, F. E.	do.	1,400.00	
Meloy, Guy S.	do.	1,450.00	\$352.50
Murphy, Jessie A.	do.	1,077.23	
Passmore, D. G.	do.	1,400.00	
Allen, Jessie M.	Clerk, class 1.	1,200.00	
Bailey, R. V.	do.	1,150.00	
Ware, B. G.	do.	40.00	
Bell, Grace	do.	1,200.00	49.80
Caruthers, R. P.	do.	1,200.00	
Church, Lillian	do.	1,160.00	
Coit, Jennie L.	do.	83.33	
Oberly, Eunice R.	do.	1,100.00	
Collier, Wm.	do.	1,200.00	
Cuppernell, Bert.	do.	6.67	
Taylor, Thos. C.	do.	1,186.67	31.10
Davenport, L. H.	do.	1,200.00	
Dodge, Allen	do.	820.00	
Hugins, F. A.	do.	300.00	
Goding, Harry	do.	1,200.00	
Gorman, M. J.	do.	1,200.00	
Graham, J. P.	do.	1,200.00	
Grant, Chas. V.	do.	1,200.00	
Herriek, Emma C.	do.	1,200.00	
Hicks, E. E.	do.	1,200.00	
Knight, E. Q.	do.	1,200.00	
Lane, R. W.	do.	1,200.00	
McDonell, E. E.	do.	1,200.00	
Moise, Frederic S.	do.	1,200.00	
Newton, A. A.	do.	1,200.00	
Parker, S. M.	do.	1,200.00	
Price, Nellie V.	do.	1,200.00	
Schutt, Ellen I.	do.	1,200.00	
Shepherd, A. C.	do.	1,193.33	
Smith, L. J.	do.	1,200.00	
Warner, M. F.	do.	1,193.33	
Williams, A. H.	do.	1,058.33	
Woolverton, Pearl.	do.	1,200.00	
Garton, A. C.	Seed clerk and superintendent, at \$1,200.	1,100.00	
Stein, Lewis E.	do.	100.00	
Austin, Ella M.	Artist, at \$1,200.	400.00	
Brewer, J. F.	do.	546.67	
Chase, Agnes	Artist, at \$840.	51.33	415.52
Mason, Charles S.	do.	70.00	
Schneider, Mary M.	do.	630.00	
Bailey, R. V.	Clerk, at \$1,080.	33.00	
Gibson, J. A.	do.	108.00	
Gordon, Edith F.	do.	90.00	
Hugins, F. A.	do.	765.00	
Taylor, Thos. C.	do.	12.00	
Allan, Isabelle.	Clerk, at \$1,000.	250.00	
Stein, Lewis E.	do.	666.66	
Allen, Clyde W.	do.	1,000.00	
Ashmore, C. D.	do.	1,000.00	
Atwood, Alice C.	do.	930.57	
Milton, Katherine.	do.	52.78	
Austin, Ella M.	do.	655.55	
Kolek, Rachel M.	do.	333.34	
Bagley, M. H.	do.	1,000.00	
Bailey, R. V.	do.	11.11	
Hudson, Agnes T.	do.	988.89	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Plant Industry, 1908, \$189,450"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Coit, Jennie L.	Clerk, at \$1,000.	\$908.32	
Escavaille, C. L.	do.	83.34	
Draper, Annie E.	do.	291.67	\$4.36
Sweet, M. L.	do.	708.34	
Estler, H. S.	do.	250.00	
Gibson, W. A.	do.	750.00	
Gary, Kate F.	do.	1,000.00	
Gordon, Edith F.	do.	875.00	
Hugins, F. A.	do.	41.67	
MacMorris, Laura.	do.	83.34	
Johnston, Gertrude M.	do.	1,000.00	
McQuinn, H. L.	do.	1,000.00	
Phelps, Nora H.	do.	1,000.00	
Sawyer, Alice M.	do.	1,000.00	
Baxter, Mary A.	Clerk, at \$900.	75.00	
Escavaille, C. L.	do.	825.00	
Burke, Edmund.	do.	900.00	
Corrick, H. K.	do.	637.50	
Sweet, M. L.	do.	262.50	
Estler, H. S.	do.	675.00	
Zell, Carrie.	do.	225.00	
Gordon, Edith F.	do.	27.50	
Howell, Edna D.	do.	300.00	
Hudson, Agnes T.	do.	10.00	
Kolek, Rachel M.	do.	562.50	
MacMorris, Laura.	do.	450.00	
Miller, D. Cecil.	do.	372.50	
Schneider, Mary M.	do.	75.00	
Amnen, Mathilde.	Clerk, at \$840.	525.00	
Fitzpatrick, Beulah.	do.	178.49	
Austin, Mary A.	do.	805.00	
Kolek, Rachel M.	do.	35.00	
Baxter, Mary A.	do.	770.00	
Tyler, Clara H.	do.	70.00	
Bell, B. C.	do.	840.00	
Connor, Bernard.	do.	210.00	
Zell, Carrie.	do.	630.00	
Curtin, Grace M.	do.	280.00	
Howell, Edna D.	do.	560.00	
Davis, James H.	do.	254.33	
Holland, J. D.	do.	585.67	
Gordon, Edith F.	do.	9.33	
Lewis, Ella.	do.	830.67	
Graham, Grace.	do.	840.00	
MacMorris, Laura.	do.	350.00	
Palmer, Wm. L.	do.	471.33	
Martin, Alice R.	do.	840.00	
Stothart, T. B.	do.	840.00	
Tyler, Clara H.	Clerk, at \$800.	733.33	
Alexander, Emma C.	Clerk, at \$720.	180.00	
Armstrong, Jessie V.	do.	106.00	
Crowley, Blanche L.	do.	56.00	
Green, Lawrence H.	do.	328.00	
Armstrong, H. C.	do.	720.00	
Austin, Mary A.	do.	30.00	
Ballard, Clara E.	do.	300.00	
Wyatt, Hardee.	do.	235.00	
Bragdon, C. K.	do.	720.00	
Connor, Bernard.	do.	540.00	
Smith, Lucy.	do.	180.00	
Curtin, Grace M.	do.	480.00	
Sliter, E. L.	do.	240.00	
Dewdney, Marie V.	do.	210.00	
Millatt, Eugene.	do.	350.00	
Howell, H. H.	do.	630.00	115.50
Nance, Nell W.	do.	90.00	
Hurdle, Ivy V.	do.	720.00	
McQueen, Lillian.	do.	60.00	
Mason, Charles S.	do.	660.00	
Palmer, Jessamine L.	do.	438.00	
Wischhoff, A. E.	do.	270.00	
Parker, Grace D.	do.	684.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Plant Industry, 1908, \$189,450"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Downes, M. A.	Clerk, at \$660.	\$165.00	
Grogan, Elizabeth H.	do.	20.17	
Lambert, May A.	do.	75.17	
Smith, Lucy	do.	55.00	
Sliter, E. L.	do.	305.25	
Harvey, Rose A.	do.	616.00	
Muhleman, B. M.	do.	660.00	
Ourand, Myra E.	do.	163.16	
Veihmeyer, Frank J.	do.	304.33	
Barber, E. E.	Clerk, at \$600.	600.00	
Coleman, E. H.	do.	500.00	
Wyatt, Hardee.	do.	40.00	
Downes, M. A.	do.	225.00	
Dulin, Mary S.	do.	211.67	
Waters, Sarah.	do.	150.00	
Peacock, Eva M.	do.	175.00	
Reid, W. A.	do.	125.00	
Smith, Lucy	do.	163.33	
Brodie, C. E.	Clerk or messenger, at \$480.	480.00	
Ruark, A. A.	Photographer or clerk, at \$900.	900.00	
Lower, Elsie E.	Assistant photographer, at \$600.	600.00	
Dewdney, Marie V.	Illustrator or clerk, at \$900.	637.50	
Edmonston, Bessie L.	do.	242.50	
Walter, R. B.	Carpenter, at \$900.	900.00	
Smith, Wm. A.	Carpenter, at \$840.	840.00	
Bissett, David.	Gardener, at \$1,000.	1,000.00	
Gauges, J. A.	do.	1,000.00	\$5.00
Bullen, Henry.	Gardener, at \$900.	900.00	
Dawson, John P.	do.	825.00	
Mann, Angus C.	do.	75.00	
Juenemann, H. E.	do.	825.00	822.70
Klapfer, Henry.	do.	75.00	
Keller, Charles.	do.	900.00	45.50
Kerr, J. K., sr.	do.	900.00	
Quinn, James.	do.	900.00	
Byrnes, J. Wise.	Gardener, at \$840.	840.00	
Ecton, Thomas G.	do.	840.00	
Boyle, Henry H.	Gardener, at \$780.	223.17	
Olden, John W.	do.	556.83	
Haase, Henry F.	do.	450.67	
Haws, W. A.	do.	324.45	
Hauser, Ernest.	do.	780.00	
Jolliff, Jesse O.	do.	780.00	
Hofman, K.	Gardener, at \$600.	185.00	
Paget, Wilmer J.	do.	383.33	
Fraile, M.	Gardener, at \$720.	720.00	
Zoellner, H. G.	do.	720.00	
Evans, W. D.	Gardener, at \$660.	660.00	
Graner, Mike.	do.	660.00	
Lucas, W. R.	do.	165.00	
Simonds, Edward.	do.	495.00	
Maxwell, G. R.	Skilled laborer, at \$900.	900.00	
Orton, W. S., sr.	Painter, at \$840.	840.00	
Kerr, James K., jr.	Plumber, at \$840.	840.00	
Schubert, Charles J.	do.	840.00	
Haws, Henry.	Fireman, at \$720.	714.00	
Kletsch, Ernest.	do.	720.00	
Ross, W. H.	do.	698.00	
Corrick, H. K.	Clerk at \$840.	245.00	111.79
Goss, Audrey.	do.	490.00	
Weaver, Elizabeth I.	do.	105.00	
Hall, C. L.	do.	840.00	
Bryant, R. A.	Skilled laborer, at \$720.	720.00	
Chandler, H. F.	do.	30.00	
Crandall, E. L.	do.	480.00	
Nelson, Marvin C.	do.	144.00	
Duffy, Sadie.	do.	720.00	
Hammerly, J. M.	do.	720.00	79.22
Kelly, J. W.	do.	720.00	25.20
Schultheis, W. H.	do.	720.00	
Smith, Mary J.	do.	718.00	
Willis, W. E.	do.	720.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Plant Industry, 1908, \$189,450"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Cookman, G. E.	Skilled laborer, at \$660	\$660.00	
Cutshall, G. W.	do.	600.00	
Minor, G. O.	do.	600.00	
Davis, Edw. F., jr.	Skilled laborer, at \$600	180.00	
Ellis, Clara	do.	50.00	
Hammersley, J. J.	do.	92.00	
Hardenstein, F. P.	do.	211.67	
Franklin, C. D.	do.	600.00	
Frazier, C. T.	do.	572.50	
Lee, Frank	do.	600.00	
Page, J. E.	do.	600.00	
Ports, E. M.	do.	600.00	\$46.30
Lynn, T. H.	do.	100.00	
Jones, Rosier B.	do.	243.33	
McNaught, Archibald.	do.	181.67	
Allen, Tibbett.	Skilled laborer, at \$540	540.00	
Clinkett, Isaac.	do.	540.00	
Gordon, J. C.	do.	524.25	
Hungerford, H. F.	Messenger, at \$660.	49.50	
Prentiss, A. M.	do.	533.50	
Rand, Clara C.	do.	55.00	
Chandler, H. F.	Messenger, at \$600.	575.00	
Winkler, J. H.	do.	25.00	
Pierce, J. F.	do.	533.33	
Prentiss, A. M.	do.	46.67	
Taylor, James A.	do.	550.00	266.70
Hodges, A. J.	Watchman, at \$720.	720.00	
Kelley, M. C.	do.	720.00	
Scanlon, P.	do.	720.00	
Disney, R. H.	Watchman, at \$600.	600.00	
Hull, W. S.	do.	600.00	
Collins, J. Burt.	Messenger, at \$480.	441.33	
Lynch, Lewis M.	do.	38.67	
Degenhardt, G. A.	do.	385.33	
Etheridge, Joseph W.	do.	40.00	
Hammersley, J. J.	do.	58.67	
McConica, C. C.	do.	77.34	
Schuermann, C. C.	do.	240.00	
Thompson, Elmer	do.	48.00	
Key, Richard C.	do.	50.67	
Pierce, J. F.	do.	37.33	
Sheehan, Frank J.	do.	392.00	
Lingle, Albert F.	do.	157.33	
Mann, Howard Q.	do.	66.67	
Phillips, Ira G.	do.	185.33	
Rich, F. H.	do.	58.67	
Skippon, C. D.	do.	480.00	
Taylor, James A.	do.	40.00	
Townsend, Karl H.	do.	440.00	
Frost, Fred C.	do.	20.00	
Winkler, J. H.	do.	460.00	
Wahlgren, M. G.	do.	480.00	
Frost, Fred C.	Messenger boy, at \$360.	345.00	
Carroll, Louis W.	do.	95.00	
Lynch, Lewis M.	do.	201.00	
Sheehan, Frank J.	do.	28.00	
Townsend, Karl H.	do.	2.00	
Whitlock, Harry T.	do.	14.00	
Carroll, Louis W.	Messenger boy, at \$300.	25.00	
Lewis, Charles I. M.	do.	264.17	
Clayton, George R.	do.	276.67	
Townsend, Karl H.	do.	23.33	
Total.		186,381.25	

Total amount of appropriation..... \$189,450.00  
 Total amount paid for salaries..... 186,381.25

Unexpended balance..... 3,068.75

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Woods, A. F.	Pathologist and physiologist, at \$3,500	\$3,500.00	\$287.67
Smith, Erwin F.	Pathologist, at \$3,000	3,000.00	123.69
Waite, M. B.	Pathologist, at \$2,750	2,750.00	682.41
Townsend, C. O.	Pathologist, at \$2,500 and \$2,750	2,687.50	2,569.37
Freeman, E. M.	Pathologist, at \$2,250, and collaborator, at \$300	1,175.00	316.07
Orton, W. A.	Pathologist, at \$2,250	843.75	712.12
Shear, C. L.	Pathologist, at \$2,250 and \$2,500	2,375.00	332.67
Metcalf, Haven.	Pathologist, at \$2,000	2,000.00	371.95
Swingle, W. T.	Physiologist, at \$2,750	1,875.00	313.81
True, R. H.	do.	2,750.00	663.66
Kearney, T. H.	Physiologist, at \$2,250 and \$2,500	2,187.50	787.86
Kellerman, K. F.	Physiologist, at \$2,250	2,250.00	369.06
Spillman, W. J.	Agriculturist, at \$3,500	3,500.00	1,026.96
Chilcott, E. C.	Agriculturist, at \$2,750	2,750.00	623.11
Brockett, G. B.	Pomologist, at \$3,000	3,000.00	105.95
Taylor, Wm. A.	do.	3,000.00	157.86
Husmann, Geo. C.	Pomologist, at \$2,250	2,250.00	1,040.05
Gould, H. P.	Pomologist, at \$2,000	2,000.00	608.80
Tenny, L. S.	do.	2,000.00	1,031.26
Coville, F. V.	Botanist, at \$3,000	3,000.00	553.61
Dewey, L. H.	Botanist, at \$2,500	2,500.00	611.54
Brown, E.	Botanist, at \$2,000 and \$2,250	2,125.00	736.18
Carleton, M. A.	Cerealist, at \$3,000	3,000.00	928.83
Corbett, L. C.	Horticulturist, at \$3,000	3,000.00	401.87
Cook, O. F.	Bionomist, at \$2,750	1,240.42	534.50
Briggs, L. J.	Physicist, at \$2,500 and \$2,750	2,625.00	389.17
Hitchcock, A. S.	Agrostologist, at \$2,500	2,500.00	246.05
Jardine, W. M.	Agronomist, at \$2,250	2,250.00	1,467.19
Ball, C. R.	Agronomist, at \$1,800 and \$2,000	1,900.00	551.56
Crawford, A. C.	Pharmacologist, at \$1,800 and \$2,250	1,800.00	85.69
Patterson, Flora W.	Mycologist, at \$1,600 and \$1,800	1,700.00	32.55
Cobb, N. A.	Expert, at \$3,000	3,000.00	118.19
McNess, Geo. T.	do.	358.33	152.39
Dennis, S. J.	Expert, at \$2,000	2,000.00	960.32
Eustace, H. J.	do.	2,000.00	1,038.03
Wheeler, C. F.	do.	666.67	307.92
McDowell, J. C.	Expert, at \$1,800	450.00	411.11
Oliver, G. W.	do.	600.00	.....
Stewart, Guy L.	do.	975.00	663.13
Stockberger, W. W.	do.	1,800.00	409.74
Mann, Albert	Expert, at \$1,600	1,600.00	360.10
Ragan, W. H.	do.	1,600.00	44.85
Marquette, Wm.	Expert, at \$130 per month	195.00	.....
Smith, W. W.	Expert, at \$1,500	1,500.00	.....
Laing, William	Expert, at \$4 per diem	24.00	.....
Estabrook, Arthur H.	Expert, at \$1,200	203.33	130.86
Rabak, Frank	do.	1,200.00	332.81
Doyle, C. B.	Expert, at \$100 per month	550.00	326.90
Sievers, A. F.	Expert, at \$900	900.00	468.97
Palmer, Edward.	Expert, at \$60 per month	180.00	.....
Lamson-Scribner, F.	Special agent and agrostologist, at \$2,500	2,500.00	.....
Hare, R. Fred	Special agent, at \$200 per month	300.00	.....
Blohm, J. E.	Special agent, at \$1,000	427.78	.....
Connor, Louis G.	Special agent, at \$50 per month	25.00	30.43
Mahan, C. A.	do.	175.00	.....
Salmon, Cecil.	Special agent, at \$25 per month	375.00	2.65
Bull, C. P.	Special agent, at \$200, and collaborator, at \$300	241.66	4.25
Pittier, H.	Agent, at \$2,250	1,875.00	.....
Reed, Clarence A.	Agent, at \$1,000	530.56	338.81
Hudson, E. W.	Agent, at \$60 per month	720.00	241.60
Lutman, B. F.	do.	158.00	.....
Griffiths, David	Assistant, at \$2,250	2,250.00	896.91
Lewton, F. L.	Assistant, at \$2,000	583.34	559.20
Smith, C. B.	do.	2,000.00	704.50
Beattie, W. R.	Assistant, at \$1,800	1,800.00	1,718.24
Billings, Geo. A.	do.	550.00	194.04
Brand, Chas. J.	Assistant, at \$1,800 and \$2,000	1,900.00	634.33
Butterfield, E. C.	Assistant, at \$1,800	1,800.00	45.04
Collins, G. N.	Assistant, at \$1,800 and \$2,000	1,733.33	.....
Hartley, C. P.	Assistant, at \$1,800	1,800.00	972.33

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Hosford, G. W.	Assistant, at \$1,800	\$1,800.00	\$893.86
Safford, W. E.	do.	1,800.00	
Wight, W. F.	do.	1,800.00	400.54
Belz, J. O.	Assistant, at \$1,600.	1,600.00	199.43
Fraley, J. W.	do.	1,600.00	213.87
Garner, W. W.	do.	1,600.00	235.68
Kyle, Curtis H.	do.	1,337.78	654.33
Norton, J. B.	Assistant, at \$1,000, collaborator, at \$1 per month, and physiologist, at \$1,800.	382.66	242.43
Robinson, T. R.	Assistant, at \$1,600	1,600.00	78.72
Warburton, C. W.	do.	1,600.00	370.07
Brown, E. B.	Assistant, at \$1,500.	1,500.00	1,116.57
Carrier, Lyman	Assistant, at \$1,400.	709.00	474.69
Derr, H. B.	do.	583.34	362.03
Drake, J. A.	do.	1,400.00	728.16
Fischer, W.	do.	1,409.00	177.72
Harrison, Carrie	do.	1,400.00	
Harter, L. L.	do.	1,400.00	585.73
Hedges, Florence	do.	1,368.89	33.00
Hillman, F. H.	Assistant, at \$1,400 and \$1,500.	1,450.00	122.43
Johnston, John R.	Assistant, at \$1,400.	1,400.00	106.10
Miller, H. A.	do.	1,400.00	215.15
Ricker, P. L.	do.	1,400.00	199.96
Shaw, Harry B.	do.	1,400.00	722.10
Whittaker, H. A.	do.	785.56	80.65
Allen, Edward R.	Assistant, at \$1,200.	100.00	
Ballard, W. S.	do.	1,200.00	817.31
Beavers, J. C.	do.	1,196.67	453.45
Beckwith, T. D.	do.	256.67	71.45
Charles, Vera K.	do.	1,200.00	10.90
Chase, Agnes.	do.	1,126.67	
Dodge, L. G.	do.	1,200.00	918.16
Gilbert, W. W.	do.	200.00	333.70
Hawkins, Lon A.	do.	1,200.00	345.06
Holton, Nina G.	do.	1,016.67	
Klug, G. F.	do.	1,200.00	78.67
McClure, H. B.	Assistant, at \$1,200 and \$1,400.	1,300.00	868.29
McLane, John W.	Assistant, at \$1,200.	1,200.00	312.21
Pearce, Julia R.	do.	1,200.00	
Quinn, C. E.	do.	1,200.00	1,309.23
Tyler, F. J.	Assistant, at \$1,200 and \$1,400.	1,139.99	452.62
White, H. M.	Assistant, at \$1,200.	1,200.00	1,469.53
Crosby, Mammie L.	Assistant, at \$1,000 and \$1,200.	1,091.66	117.06
Goss, W. L.	do.	1,100.00	8.10
Greene, Edw. L.	Assistant, at \$1,000. and expert, at \$50 per month.	380.56	
Hibbard, R. P., jr.	Assistant, at \$1,000 and \$1,200.	1,033.33	406.04
Rand, Frederick V.	Assistant, at \$1,000.	41.67	
Shear, W. V.	do.	1,000.00	
Tidestrom, Ivar	do.	63.89	169.47
Wood, Anna K.	Assistant, at \$1,000 and \$1,200.	1,095.83	
Brown, Nellie A.	Assistant, at \$960.	1,090.67	
Fawcett, Edna H.	Assistant, at \$960 and \$1,200.	1,080.00	
Hasse, Clara H.	Assistant, at \$960 and \$1,000.	929.34	
McCulloch, Lucia	Assistant, at \$960.	960.00	
Feldkamp, Cora L.	Assistant, at \$75 per month and \$900.	313.75	
Sirrine, Emma F.	Assistant, at \$900 and \$1,000.	808.33	
Benedict, J. E., jr.	Assistant, at \$70 per month.	256.66	
Cole, E. F.	Assistant, at \$840 and \$1,200.	586.67	602.95
Doyle, Emma S.	Assistant, at \$840.	840.00	
Fletcher, W. F.	Assistant, at \$840 and \$1,200.	1,020.00	718.41
Keese, S. L.	Assistant, at \$780 and \$1,000.	890.00	
Snellings, C. B.	Assistant, at \$750 and \$900.	735.00	
Merick, Lovina S.	Assistant, at \$720 and \$840.	827.67	
Moss, J. M., jr.	Assistant, at \$720 and \$1,000.	766.67	
De Loach, Gertrude B.	Assistant, at \$50 per month.	600.00	
Downes, M. A.	Assistant, at \$300 per annum and \$40 per month.	135.00	
Ames, Adeline.	Aid, at \$1,200.	900.00	
Goll, F. L.	do.	1,200.00	26.85
Quirk, Agnes.	do.	1,200.00	23.20
Foubert, Chas. L.	Aid, at \$1,000.	500.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584, 780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Benton, Zoe.....	Aid, at \$840.....	\$448.00	
Leonard, Lewis T.....	do.....	840.00	
Schmitt, Waldo L.....	Aid, at \$720.....	610.00	
Tefft, Jennie A.....	Aid, at \$720 and \$840.....	710.00	
Goodloe, Marie.....	Aid, at \$600.....	348.33	
Henry, Helen H.....	do.....	245.00	
Russ, Blanche.....	Aid, at \$50 per month and \$720.....	660.00	
Tiller, Ruby J.....	Aid, at \$50 per month.....	600.00	
Ely, Ethel M.....	Aid, at \$40 per month.....	205.33	
Sigourney, Marie E.....	do.....	54.66	
Brewer, Jas. F.....	Artist, at \$1,200.....	500.00	
Belt, Artridge.....	Draughtsman, at \$900.....	450.00	
Bradley, E. H.....	Clerk, at \$1,500.....	150.00	
Sillig, O. F.....	Clerk, at \$1,500.....	1,500.00	
Burr, M. Helen.....	Clerk, at \$1,400.....	688.34	
Williams, F. M.....	Clerk, at \$100 per month.....	446.67	
Zapoleon, Louis B.....	Clerk, at \$1,000.....	241.67	
Adams, Chas. W.....	Clerk, at \$900.....	172.50	
Baldwin, Elizabeth B.....	Clerk, at \$75 per month.....	72.50	
Edgerton, D. S.....	do.....	66.25	
Lep.ey, Annie B.....	do.....	223.75	
Morris, Estelle B.....	do.....	297.50	
Rand, Clara C.....	Clerk, at \$75 per month and \$600.....	490.00	
Smith, Florence P.....	Clerk, at \$900.....	112.50	
Stein, Lewis E.....	do.....	225.00	
Wasner, W. H.....	do.....	900.00	
Waters, Sarah.....	Clerk, at \$75 per month.....	162.50	
Baker, George F.....	Clerk, at \$840.....	88.67	
Fearing, H. Martin.....	Clerk, at \$70 per month.....	84.00	
Goss, Audrey.....	Clerk, at \$840.....	35.00	
Ballard, Clara E.....	Clerk, at \$720.....	420.00	
Brown, Jno. L.....	do.....	90.00	
Field, F. T.....	do.....	254.00	
Gates, E. P.....	Clerk, at \$60 per month.....	120.00	
Schneider, Mary M.....	Clerk, at \$720.....	120.00	
Phillips, Clara A.....	Clerk, at \$50 per month.....	54.16	
Houghton, Beatrice Y.....	Clerk, stenographer, and typewriter, at \$80 per month.....	26.67	
Prentiss, A. M.....	Clerk, stenographer, and typewriter, at \$900.....	102.50	
McQueen, Lillian.....	Clerk, stenographer, and typewriter, at \$75 per month.....	150.00	
Rose, L. B.....	Typewriter, at \$840 and \$900.....	407.50	
Rowe, Beatrice G.....	Typewriter, at \$40 per month.....	45.33	
Baker, John P.....	Cigarmaker, at \$60 per month.....	162.00	
Wheeler, B. C.....	Mechanician, at \$1,200.....	1,196.67	
Chew, Harry I.....	Machinist, at \$4 per diem.....	200.00	
Bean, Somerville.....	Carpenter, at \$3.50 per diem.....	896.00	
Belt, Francis A.....	do.....	21.00	
Busch, Martin.....	do.....	21.00	
Cranford, Z. H. S.....	do.....	136.50	
Gloss, H. D.....	do.....	105.00	
Schafer, E. S.....	do.....	15.75	
Sherwood, Luther.....	do.....	15.75	
Shipley, John W.....	do.....	7.00	
Elsner, E. C.....	Carpenter, at \$75 per month.....	172.50	
Iglehart, Thomas G.....	do.....	652.50	
Smith, Andrew J.....	Painter, at \$3.50 per diem.....	164.50	
Craven, John F.....	Plumber, at \$4 per diem.....	152.00	
Cratty, James A.....	do.....	120.00	
Malone, Homer C.....	do.....	136.00	
Purcell, Chas. J.....	do.....	148.00	
Skidmore, Harry L.....	Plumber's helper, at \$2 per diem.....	54.00	
Gartland, M. J.....	Cabinetmaker, at \$3.50 per diem.....	136.50	
Neilson, Chas. W. C.....	do.....	124.25	
McLennan, Robt.....	Gardener, at \$1,200.....	1,200.00	\$22.98
Dawson, J. P.....	Gardener, at \$900.....	75.00	
Haase, H. F.....	Gardener, at \$720.....	304.00	
Lee, Thomas.....	do.....	720.00	
Gooch, C. L.....	Gardener, at \$60 per month.....	720.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Rowen, J. D., jr.	Gardener, at \$60 per month	\$720.00	
Von Bottger, D. H.	Gardener, at \$600.	336.67	
Seifriz, Wm.	Apprentice, at \$540.	540.00	
Dixon, W. D.	Teamster, at \$600.	225.00	
Priest, A. C.	do	225.00	
Dement, Harry M.	Teamster, at \$45 per month	93.00	
Hart, Robert H.	Helper, at \$2 per diem	76.00	
Hauser, Ernest F., jr.	do	59.00	
Maddox, Chas. M.	do	66.00	
Marks, A. R.	do	110.00	
Turner, M. L.	Helper, at \$720.	720.00	
Wentworth, Saml. S.	Helper, at \$2 per diem	75.00	
Gorely, Harry	Helper, at \$50 per month.	100.00	
Madigan, Thomas	do	42.50	
Dulin, Mary S.	Skilled laborer, at \$900.	13.33	
Hofman, Karst.	Skilled laborer, at \$50 per month	31.67	
Calwell, George.	Laborer, at \$2 per diem and \$35 per month.	657.50	
Cookman, B. C.	Laborer, at \$60 per month	570.00	
Dawson, C. W.	do	720.00	
Joyce, Jno. V.	Laborer, at \$720.	180.00	
Thompson, Harry	do	720.00	
Walter, Olin A.	Laborer, at \$60 per month	720.00	
Whittlesey, W. H.	Laborer, at \$2 per diem	52.00	
Swann, Sidney	Laborer, at \$55 per month	660.00	
Adams, Lola M.	Laborer, at \$900.	600.00	
Fitzhugh, W. H.	Laborer, at \$50 per month	225.00	
Galleher, U. H.	do	25.00	
Jones, John W.	do	600.00	
Marcey, Calvin.	do	350.00	
Parker, J. T.	do	600.00	
Payne, H. S.	do	350.00	
Snyder, Evva.	do	350.00	
Sullivan, W.	do	600.00	
Montgomery, J. P.	Laborer, at \$1.75 per diem	541.62	
Robinson, Cornelius.	do	543.37	
Thomas, James H.	do	547.75	
Anderson, Frank.	Laborer, at \$1.50 per diem	12.00	
Bailey, G. W.	do	79.50	
Burton, D. S.	do	9.00	
Butler, S.	do	130.50	
Copland, H. F.	do	54.00	
Davis, Ira.	do	486.00	
Garrett, W. A.	do	258.75	
Gaskins, S. C.	do	411.75	
Glach, George.	do	19.50	
Graham, E. E.	do	19.50	
Gray, L. L.	Laborer, at \$45 per month	135.00	
Hjort, Charles.	Laborer, at \$1.50 per diem	87.00	
Hume, E.	do	178.50	
Jackson, Hosiab.	do	417.75	
Jeffries, W. T.	do	4.50	
Jones, Eugene.	do	358.12	
Jones, Washington.	do	31.50	
Lee, C. W.	do	81.00	
Lynn, T. N.	do	99.00	
Marcey, F. L.	do	434.25	
Marcey, Henry.	do	108.00	
Marcey, T.	Laborer, at \$1.50 per diem and \$45 per month.	523.50	
Monroe, James.	Laborer, at \$1.50 per diem	38.25	
Nalls, K. V.	do	214.50	
Nightengale, Wm.	do	27.00	
Pearson, W. M.	do	124.50	
Phillips, I. G.	Laborer, at \$1.50 per diem and \$450.	274.25	
Putnam, C.	Laborer, at \$1.50 per diem	39.00	
Reed, Silas.	do	210.00	
Ridgeway, H.	do	12.00	
Pinkett, J. P.	Laborer, at \$45 per month	64.50	
Scott, John D.	Laborer, at \$1.50 per diem	84.00	
Sewell, J. T.	do	66.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Smoot, G. W.	Laborer, at \$1.50 per diem	\$126.00	
Studds, W.	do.	484.50	
Tall, R.	do.	11.25	
Archer, Victoria	Laborer, at \$40 per month.	45.34	
Bias, T. J.	Laborer, at \$480 and \$600.	580.00	
Carter, E. J.	Laborer, at \$40 per month.	93.33	
Clark, H. M.	do.	480.00	
Dameron, A. F.	Laborer, at \$40 and \$45 per month.	510.00	
Garner, S. L.	Laborer, at \$480 and \$600.	530.00	
Honemond, V. B.	Laborer, at \$40 per month and skilled laborer, at \$40 per month.	90.67	
Smith, Mary I.	Laborer, at \$40 per month.	193.33	
Wallace, Annie E.	do.	480.00	
Dickerson, E. O.	Laborer, at \$35 per month.	399.00	
Brooks, J. S.	Laborer, at \$30 per month.	16.00	
Taylor, Robt. L.	do.	35.00	
Wakefield, Walter H.	do.	30.00	
Lower, Irving B.	Laborer, at \$25 per month.	35.00	
Chick, John L.	Laborer, at \$20 per month.	20.00	
Gauges, Leo A.	do.	20.00	
Haws, Harry	do.	20.00	
Burns, Martin J.	Unskilled laborer, at \$2 per diem.	18.00	
Cox, Charles W.	do.	18.00	
Goodloe, Lucille.	Unskilled laborer, at \$50 per month, and laboratory aid, at \$720.	610.33	
Ball, F. H.	Unskilled laborer, at \$1.50 per diem.	49.50	
Ball, William.	do.	1.50	
Brehon, W. H.	do.	24.00	
Burke, Charles	do.	138.00	
Collins, M.	do.	106.87	
Dent, Edgar.	do.	13.50	
Fairfax, Wale	do.	29.25	
Holden, Orlando	do.	12.75	
Makel, John H.	do.	81.00	
Marcey, Curtis	do.	117.00	
Marcey, Ernest	do.	45.00	
Minor, Myrick B.	do.	199.12	
Pinkett, John R.	do.	60.00	
Roberts, Charles C.	do.	1.50	
Simmel, Vincent.	do.	27.00	
Tracy, John E.	do.	30.00	
Collins, Joshua B., jr.	Unskilled laborer, at \$40 per month.	2.66	
Lacey, Nora A.	do.	134.67	
Youngblood, Armstrong.	do.	40.00	
Fitzgerald, Thomas A.	Messenger, at \$50 per month.	420.00	
Jones, Harold.	Messenger boy, at \$45 per month.	45.00	
Etheridge, Joe W.	Messenger boy, at \$480.	42.67	
Moise, David O.	do.	458.67	
Turner, Olan E.	Messenger boy, at \$40 per month.	56.00	
Davis, R. Nelson.	Messenger boy, at \$360.	56.00	
Davis, Hugh M.	Messenger boy, at \$25 per month.	25.00	
Miller, Kirk C.	Messenger boy, at \$25 per month, and assistant, at \$30 per month.	294.17	
Neale, Ronald B.	Messenger boy, at \$25 per month.	25.00	
Gelletly, Celia.	Charwoman, at \$540.	540.00	
Gibson, Annie E.	Charwoman, at \$480.	480.00	
Hebron, Ida.	Charwoman, at \$40 per month.	480.00	
Jamieson, Annie.	Charwoman, at \$480.	480.00	
Johnson, Maria.	do.	480.00	
Smith, Marie C.	do.	476.00	
Buchanan, Maggie.	Charwoman, at \$20 and \$40 per month.	143.34	
Total.		236,365.97	
<i>Out of Washington.</i>			
Powell, G. Harold.	Pomologist, at \$3,000.	3,000.00	\$1,474.30
Green, E. C.	Pomologist, at \$2,000.	2,000.00	59.36
Shamel, A. D.	Physiologist, at \$2,750.	2,750.00	1,443.26
Scott, W. M.	Pathologist, at \$2,250.	2,250.00	639.64

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bessey, E. A.	Pathologist, at \$2,000	\$1,999.99	\$1,393.66
Scoufield, C. S.	Agriculturist, at \$2,500	2,500.00	717.36
Jensen, C. A.	Agriculturist, at \$1,800	1,800.00	1,231.27
Hunter, Byron	Assistant agriculturist, at \$1,800	1,800.00	958.39
Peck, W. A.	Assistant agriculturist, at \$1,500	1,500.00	807.11
Mason, Silas C.	Arboriculturist, at \$2,000	1,999.99	731.88
Leidigh, A. H.	Scientific assistant, at \$1,600, and collaborator, at \$1 per month.	1,032.71	488.10
Rorer, James B.	Scientific assistant, at \$1,600 and \$1,800	1,700.00	551.48
O'Gara, P. J.	Scientific assistant, at \$1,500	1,500.00	1,268.38
Hedgecock, Geo. G.	Scientific assistant, at \$1,400	1,400.00	742.01
Miles, Geo. F.	do	816.66	1,460.06
Spaulding, Perley	do	1,400.00	643.02
Warren, J. A.	do	1,400.00	714.38
Zook, L. L.	do	439.44	372.99
Blanchard, Henry F.	Scientific assistant, at \$1,200	1,200.00	338.10
Fawcett, G. L.	do	1,200.00	253.48
Johnson, E. C.	Scientific assistant, at \$1,200, and assistant pathologist, at \$1,200	1,200.00	586.44
Mitchell, Geo. F.	Scientific assistant, at \$1,200	1,200.00	357.37
Umlberger, H. J. C.	do	1,200.00	550.34
Young, Thos. B.	do	1,200.00	444.10
Cory, V. L.	Scientific assistant, at \$1,000	1,000.00	250.05
Hood, Samuel C.	do	1,000.00	449.97
Heller, Charles S.	Scientific assistant, at \$50 per month	143.33	264.25
Cotton, J. S.	Assistant, at \$1,500	1,500.00	832.64
Rittue, E. C.	Assistant, at \$1,400	1,400.00	798.64
Reed, Joseph F.	Assistant, at \$1,200	1,200.00	923.15
Drummond, Bruce	Assistant, at \$60 per month	720.00	223.02
Burns, Wm. H.	Assistant, at \$25 and \$50 per month	350.00	
Ellis, Lynn W.	Assistant in farm management, at \$1,200	1,000.00	836.87
Husman, F. L.	Viticultural superintendent, at \$1,500 and \$125 per month	1,329.17	452.51
Ross, John F.	Farm superintendent, at \$1,400	688.34	647.01
Peterson, William A.	Farm superintendent, at \$1,200 and \$1,400	807.77	669.79
Hinson, W. M.	Tobacco expert, at \$2,500	2,500.00	694.94
Massey, Geo. B.	Tobacco expert, at \$2,000	833.33	122.55
Mathewson, E. H.	Tobacco expert, at \$2,000, and crop technologist, at \$2,000	2,000.00	256.11
Scherffius, W. H.	Tobacco expert, at \$2,000, and collaborator, at \$500	441.66	190.48
Stewart, J. B.	Tobacco expert, at \$1,800 and \$2,000	1,883.34	1,048.63
Ayer, L. W.	Tobacco expert, at \$1,600	400.00	92.64
Brewer, Vincent C.	Tobacco expert, at \$1,500	1,000.00	548.50
Green, Willard W.	Tobacco expert, at \$1,400	1,400.00	403.59
Harris, Geo. W.	Tobacco expert, at \$1,400, and crop technologist, at \$1,400	1,400.00	104.87
Schrader, Wm. B.	Tobacco expert, at \$1,400	1,400.00	429.55
Olson, Otto	Tobacco expert, at \$1,200	1,200.00	334.43
Rowe, R. W.	do	600.00	527.87
Epley, R. S.	Tobacco expert, at \$1,000	500.00	78.60
Stubenrauch, A. V.	Expert in fruit transportation and storage, at \$2.50	2,250.00	1,119.23
Marsh, C. D.	Expert, at \$2,000	2,000.00	1,152.02
Maver, August	Expert, at \$1,200	1,200.00	
Dillman, A. C.	Expert, at \$1,000	372.23	258.47
Clawson, Arthur B.	Expert, at \$75 per month	272.50	86.42
Mackall, Thomas B.	Expert, at \$60 per month	32.00	
Reed, Hiram R.	do	240.00	
Fitzpatrick, Guy	Expert, at \$50 per month	178.33	306.78
Gomme, William	Expert, at \$50 and \$60 per month	510.00	
Kremers, Edward	Special agent, at \$500 per month	2,500.00	172.45
Saylor, Chas. F.	Special agent, at \$225 per month	2,700.00	855.71
Bugby, M. O.	Special agent, at \$200 per month	400.00	
Stephens, J. M.	Special agent, at \$1,600	200.00	
Kinsler, John H.	Special agent, at \$125 per month	1,250.00	1,308.48
Payne, James E.	Special agent, at \$1,500, and assistant, at \$1,500	1,500.00	590.12
Cox, H. R.	Special agent, at \$1,200, and assistant, at \$1,200	680.00	287.27
Farrell, F. D.	Special agent, at \$1,200	1,200.00	392.85
Garman, Harrison	Special agent, at \$100 per month	450.00	12.03

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Karsner, Geo. D.	Special agent, at \$100 per month.	\$100.00	\$133.67
Norgord, C. P.	Special agent, at \$1,200.	200.00	
Rumbold, Caroline.	Special agent, at \$100 per month.	100.00	
Tournier, A.	Special agent, in viticulture, at \$100 per month.	1,200.00	596.15
Woosley, H.	Special agent, at \$100 per month.	1,100.00	484.39
Rogers, Shober J.	Special agent, at \$3.25 per diem, and farm superintendent, at \$1,200.	1,184.50	50.59
Burr, W. W.	Special agent, at \$90 per month, and assistant agriculturist, at \$90 per month.	912.00	89.73
Myers, C. H.	Special agent, at \$3 per diem.	39.00	
Oehler, John E.	do.	3.00	
Sutherland, Friend I.	do.	150.00	
Meadows, James O.	Special agent, at \$85 per month.	187.00	158.60
Allen, P. T.	Special agent, at \$1,000.	291.67	
Ayers, T. W.	do.	1,000.00	346.94
Burnett, L. C.	do.	999.96	
Frear, Dana W.	do.	416.67	103.05
Chilcott, E. F.	Special agent, at \$80 per month, and assistant, at \$900.	960.00	112.06
Hazen, L. E.	Special agent, at \$80 per month.	960.00	116.95
Kennard, Frank L.	Special agent, at \$80 per month, and assistant at \$900 and \$1,200.	1,080.00	485.26
Balz, Sylvester.	Special agent, at \$75 per month and assistant, at \$900.	675.00	
Beinhart, Ernest G.	Special agent, at \$75 per month.	190.00	141.37
Carlyle, Alex.	do.	300.00	
Dodson, Joe B.	Special agent, at \$75 and \$100 per month.	325.00	
Stone, A. L.	Special agent, at \$75 per month.	900.00	39.58
Thompson, Oscar A.	Special agent, at \$900 and \$600.	625.00	
Tull, John H.	Special agent, at \$75 per month, and expert, at \$1,000.	314.17	
Wester, P. J.	Special agent, at \$900 and gardener, at \$1,200.	1,175.00	273.47
Hoover, Chas. P.	Special agent, at \$70 per month.	242.67	84.00
Moers, C. A.	Special agent and collaborator, at \$800.	800.00	
Alexander, Chas. L.	Special agent, at \$40 and \$75 per month.	750.00	
Babcock, Frank Ray.	Special agent, at \$60 per month.	42.00	
Colliver, A. D.	do.	120.00	
Davis, Clifford.	do.	540.00	
Wolf, Frank.	do.	720.00	
Brewer, B. E.	Special agent, at \$50 per month.	350.00	159.15
Churchill, Omar O.	do.	600.00	
Doane, Duane H.	Special agent, at \$50 per month and \$2 per diem.	120.00	253.80
Faurot, F. W.	Special agent, at \$50 per month.	600.00	65.38
Fulton, H. R.	do.	85.00	
Grace, Oliver J.	Special agent, at \$60 per month, and assistant, at \$900.	780.00	131.08
Hoke, Charles A.	Special agent, at \$50 per month.	108.33	240.30
Lipscomb, C.	do.	115.00	
Pritchard, Fred J.	Special agent, at \$600.	500.00	
Shantz, H. L.	Special agent, at \$50 per month, collaborator, at \$25 per month, and expert, at \$1,800.	500.00	505.61
Vaughan, Richard E.	Special agent, at \$50 per month.	200.00	
Winters, R. Y.	do.	100.00	
Ayer, H. D.	Special agent, at \$400.	151.12	
Wilson, A. D.	do.	66.66	72.90
Burke, Edmund.	Special agent, at \$30 per month.	270.00	
Waldron, L. R.	Special agent, at \$25 per month.	300.00	17.33
Sinclair, William.	Special agent, at \$15 per month.	180.00	
Cobey, W. W.	Special field agent, at \$1,800, and collaborator, at \$300.	461.67	9.25
Marsh, Hadleigh.	Special field agent, at \$60 per month, and laboratory assistant, at \$780.	267.50	60.15
Brown, D. E.	Special field agent, at \$50 per month and \$1,000.	700.00	58.89
Meade, Rowland M.	Field agent, at \$50 per month.	225.00	332.35
Savage, E. M.	Special agent, at \$60 per month.	720.00	113.50
Thompson, H. C.	Laboratory aid, at \$720 and \$2 per diem.	340.00	436.11
Stevenson, Nelle.	Laboratory aid, at \$40 per month.	193.33	41.70
Gay, Francis A.	Laboratory helper, at \$50 per month.	50.00	
Clarke, F. W.	Gardener, at \$1,000 and \$1,200.	1,175.00	1,449.68
Simmonds, Edward.	Gardener, at \$840.	210.00	43.75

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McCleary, W. B.	Fence rider, at \$25 per month	\$300.00	
Balmor, Peter	Collaborator, at \$3 per diem	10.50	\$3.90
Blair, B. V.	do	12.00	13.58
Bleicher, W. L.	do	7.50	3.05
Brenner, Z. W.	do	6.00	13.06
Brinkley, W. P.	do	3.00	
Brown, Chas. R.	do	12.00	
Cannon, E. A.	do	4.50	4.43
Clough, A. W.	do	3.00	
Cook, Geo. H.	do	6.00	5.30
Crandall, E. R.	do	7.50	14.34
Crocker, B. A.	do	7.59	5.01
Dimond, Oliver C.	do	3.75	5.85
Enestvedt, E. G.	do	3.00	
Epps, G. O.	do	6.00	
Farrar, Roscoe	do	10.50	18.20
Fox, Geo. M.	do	3.00	
Franklin, C. P.	do	6.00	15.60
Freeman, G. A.	do	1.50	
Giddings, Silas	do	6.00	
Gilbert, C. B.	do	3.00	
Graverson, G. C.	do	4.50	9.51
Hamilton, Harrison L.	do	6.00	13.41
Harris, Jesse S.	do	5.00	3.49
Hartman, S. B.	do	3.00	
Heller, A. A.	do	3.75	
Henderson, F. P.	do	3.00	
Hess, Enos H.	do	3.75	5.76
Hildreth, C. E.	do	12.00	36.88
Howell, R. C.	do	18.00	5.45
Irish, John P., jr.	do	21.00	
Johnson, Fred N.	do	4.50	
Jones, Jesse M.	do	1.50	
Kelly, J. G.	do	3.00	
Klugh, A. M.	do	12.75	4.05
Lazell, Fred J.	do	6.00	
McQuarrie, C. K.	do	4.50	
MacNair, H. C.	do	6.00	595.13
Marsh, Le Roy	do	3.00	
Meroney, J. N.	do	9.00	
Mertz, Otto E.	do	4.50	
Moen, Ida Jean	do	3.00	
Olstad, Carl	do	9.00	13.73
Palmer, Wilbur S.	do	3.00	
Pardy, David A.	do	4.50	4.02
Phillips, Wendall	do	6.00	9.30
Schollander, O. A.	do	1.50	
Seymour, A. P.	do	3.00	
Sherron, Albert R.	do	6.00	
Shore, Nahum D.	do	10.50	
Smith, Ed.	do	18.00	4.20
Snively, W. E.	do	6.00	9.80
Stout, W. H.	do	6.00	
Swain, O. R.	do	9.50	11.60
Thayer, Paul	do	6.00	4.54
Thomas, R. Bentley	do	9.00	14.47
Varner, Orrien S.	do	6.00	
Venable, Woodson	do	9.00	6.20
Waychoff, G. B.	do	9.00	18.68
Weld, R. J.	do	7.00	22.31
Cole, John S.	Collaborator, at \$300 and \$1,800	600.00	390.51
Forbes, R. H.	Collaborator, at \$300	300.00	
Gadsden, Elise H.	Collaborator, at \$25 per month	300.00	
Jones, Lewis R.	do	300.00	
McNess, Geo. T.	do	125.00	
Moore, R. A.	Collaborator, at \$25 per month and \$1 per month	180.00	
Nash, C. W.	Collaborator, at \$25 per month	100.00	
Patterson, H. J.	Collaborator, at \$300	300.00	
Shaw, George W.	do	300.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Shepperd, John H.	Collaborator, at \$25 per month.	\$100.00	
Shoesmith, V. M.	do.	75.00	
Shorey, M. L.	do.	175.00	
Stabler, A. L.	Collaborator, at \$300.	75.00	
Willis, Clifford.	Collaborator, at \$25 per month.	28.33	
Churchill, G. W.	Collaborator, at \$200.	200.00	
Collins, J. Franklin.	Collaborator, at \$15 per month.	165.00	
Harper, Joseph N.	do.	180.00	
Anderson, B. G.	Collaborator, at \$10 per month.	50.00	\$18.50
Rolfs, P. H.	do.	120.00	
Chambliss, Chas. E.	Collaborator, at \$5 per month.	2.50	
Stuart, Wm.	do.	60.00	98.99
Fries, E. M.	Collaborator, at \$2 per month.	24.00	
Atkinson, Alfred.	Collaborator, at \$1 per month.	1.00	
Bolley, H. L.	do.	12.00	31.35
Brown, Wm. M.	do.	12.00	
Burkett, C. W.	do.	9.00	
Heald, F. D.	do.	12.00	
Kern, Frank D.	do.	12.00	
Laurence, Wm. H.	do.	12.00	
Norton, J. B. S.	do.	12.00	
Painmel, L. H.	do.	12.00	
Prescott, Chas. W.	do.	12.00	52.91
Selby, A. D.	do.	12.00	107.10
Sheldon, John L.	do.	10.00	
Snyder, W. P.	do.	12.00	1.70
Stevens, F. L.	do.	12.00	
Stone, Geo. E.	do.	12.00	
Whetzel, H. H.	do.	12.00	
Wilcox, E. Meade	do.	12.00	
Willard, Julius F.	do.	3.00	
Romig, L. H.	Clerk, at \$1,200.	1,000.00	
Howell, H. H.	Clerk, at \$1,080.	135.00	
Roberts, Harry.	do.	969.00	
Boss, Ralph M.	Clerk, at \$840.	140.00	
Wood, James A.	Laborer, at \$2.50 per diem.	170.62	
McCord, J. N.	Laborer, at \$2.25 per diem.	11.25	
Evans, William L.	Laborer, at \$50 per month.	200.00	
Middleton, James W.	Laborer, at \$50 per month, and unskilled laborer, at \$50 per month.	425.00	
Scott, John T.	Laborer, at \$45 per month, and \$640 and special agent, at \$63 per month.	600.99	
Ward, Lee.	Laborer, at \$40 per month.	120.00	
Covell, James A.	Unskilled laborer, at \$3 per diem.	720.00	
Gaarddahl, Christen.	Unskilled laborer, at \$2.50 per diem.	98.12	
Swesey, A. C.	do.	118.75	
Lucas, W. R.	Unskilled laborer, at \$60 per month, and gardener, at \$720.	540.00	48.45
Milstead, Joseph I.	Unskilled laborer, at \$60 per month.	720.00	
Fershing, Harry.	do.	390.00	
Sweeny, Carl W.	Unskilled laborer, at \$1.75 per diem.	371.00	
Dow, C. F.	Unskilled laborer, at \$50 per month.	150.00	
Holland, B. B.	do.	100.00	
Shelley, Wilson G.	do.	200.00	
Thompson, Christ W.	Unskilled laborer, at \$46 per month.	230.00	
Basye, Thos. W.	Unskilled laborer, at \$1.50 per diem.	16.50	
Marshall, Chas. A.	Unskilled laborer, at \$45 per month.	539.25	
Morgan, Wm. A.	Unskilled laborer, at \$1.50 per diem.	27.00	
Saunders, Alexander.	do.	291.00	
Steine, Harry.	do.	1.50	
Strathman, C. H.	Unskilled laborer, at \$40 per month.	95.33	
Bryant, Ernest.	Unskilled laborer, at \$35 per month.	105.00	
Post, Arthur.	do.	70.00	
Ullrich, Fritz.	Unskilled laborer, at \$25 per month.	275.00	
Total.		123,587.27	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co. ....	\$36.25	Ashford, M. S. ....	\$10.00
Andrews Paper Co., R. P. ....	339.33	Auchter, W. D. ....	20.00
Andrus & Church. ....	4.48	Avery & Sons, B. F. ....	24.90
Ballantyne, R. Carter. ....	382.09	Bacon Pecan Co., G. M. ....	4.75
Baumgarten Co., Herman. ....	1.25	Bailey-Lebby Co. ....	69.29
Baumgarten & Son, J. ....	2.50	Bailey, Mrs. S. E. ....	25.00
Brentano's. ....	9.50	Balsback & Smith. ....	14.00
Bushnell Co., Alvah. ....	1.30	Baldwin, Willie. ....	11.00
Contingent expenses, Department of Agriculture. ....	3,023.46	Ball & Sockett Manufacturing Co. ....	25.00
Cook, M. S. ....	12.75	Ballantyne & Sons, Wm. ....	3.68
Cornell Cooperative Society. ....	3.95	Barber & Ross. ....	154.16
Davison & Co., H. C. ....	172.09	Barker, J. W. ....	4.00
District of Columbia Paper Manufac- turing Co. ....	92.76	Barrett Co., C. H. ....	58.00
Gair Co., Robert. ....	17.50	Barry, Lawrence A. ....	50.98
Globe-Wernicke Co. ....	2.25	Barteldes Seed Co. ....	10.95
Heywood Manufacturing Co. ....	9.00	Bartholomew, Elam. ....	98.70
Lamb & Tilden. ....	127.56	Barwell, J. W. ....	1.25
Library Bureau. ....	267.68	Baugh & Sons Co. ....	32.00
Lincoln & Ballard. ....	19.25	Baumgarten Co., Herman. ....	2.55
Parker, D. Frank. ....	151.58	Baumgarten & Sons Co., J. ....	5.00
Lincoln, Fred S. ....	380.12	Beal, W. J. ....	20.40
Lindenmeyer & Sons, Henry. ....	3.57	Bean Spray Pump Co. ....	5.89
Modern Pen Co. ....	3.00	Bearss, J. T. ....	24.00
Moore Corporation, John C. ....	2.85	Beaudreau, H. ....	28.10
Morrison Paper Co., E. ....	240.41	Beavers, John M. ....	9.00
Multum in Parvo Binder Co. ....	4.80	Beck & Gregg Hardware Co. ....	12.30
Pitcher, E. H. ....	8.00	Becker, C. ....	18.00
Roberts Co. (Incorporated), W. F. ....	7.70	Becker & Co., Chas. ....	5.39
Schmidt, Fred A. ....	204.49	Belcher & Taylor Agricultural Tool Co. ....	17.00
Sharp & Sons, F. ....	42.20	Belt & Dyer. ....	.60
Stockett-Fiske Co. ....	2.50	Belt & Smith. ....	600.45
Stott & Co., Chas. G. ....	75.81	Bemis, A. L. ....	30.00
Swayze, W. L. ....	181.54	Benton Co. Hardware Co. ....	40.15
Swayze, Bailey & Co. ....	37.75	Benton Co. Lumber Co. ....	7.85
Swett, Chas. P. ....	2.15	Berckmans Co., P. J. ....	45.95
Typewriter and Office Supply Co. ....	2.25	Bernasco, J. ....	6.25
Union Envelope Co. ....	109.62	Best, T. W. ....	16.00
United States Envelope Co. ....	627.18	Best Light Co. ....	2.90
United States Paper Goods Co. ....	22.05	Betz, Ernest. ....	21.40
Universal adding Machine Co. ....	3.00	Binnix, Edward. ....	2.00
Weaner Mailing Envelope and Box Co. ....	51.67	Bird & Son, F. W. ....	30.00
Yawman & Erbe Manufacturing Co. ....	263.93	Bidwell & Co., J. C. ....	24.18
Total. ....	6,953.12	Bird & Co., Wm. ....	10.65
<i>Miscellaneous supplies, etc.</i>		Black, G. W. ....	41.16
Abercrombie & Fitch Co. ....	40.80	Blackinton, W. N. ....	5.00
Adams Co., E. B. ....	1.00	Blake, S. L. ....	350.00
Adams, G. C. ....	212.28	Bliss, Alfred T. ....	34.80
Akron-Otis Lumber and Supply Co. ....	70.33	Bobbink & Atkins. ....	200.00
Aldrich, Alfred. ....	10.00	Boddington, Arthur T. ....	10.00
Alexander & Co. ....	93.50	Boehmer & Co., L. ....	3.25
Allen, Lewis. ....	75.00	Bolgiano, F. W. ....	842.66
Allen & Co., S. L. ....	111.00	Bond Co., E. W. ....	67.59
Allmanna Svanska Utsades Alst'abo- laget. ....	21.11	Book Shop. ....	.75
Alston, Solomon. ....	2.80	Boswell, Stephen. ....	12.50
Amarillo Hardware Co. ....	18.50	Bowers & Bernasco. ....	45.00
American Can Co. ....	38.00	Bowman & Co. ....	12.00
American Electric Novelty and Manu- facturing Co. ....	1.20	Boyle & Co. (Incorporated), John. ....	4.00
American Florist Co. ....	1.00	Bradford, Doss. ....	4.00
American Hemp Co. ....	54.00	Brainard, C. G. ....	87.06
American Multigraph Sales Co. ....	318.20	Brauer & Son, Justus. ....	24.54
American Wood Working Machinery Co. ....	45.00	Brentano's. ....	46.06
Ames Plow Co. ....	12.50	Brewer, Norman S. ....	696.24
Amory, Brown & Co. ....	61.56	Brickell, Mary. ....	7.50
Andrus & Church. ....	2.96	Brink, Abel. ....	6.00
Amman & Franz. ....	45.00	Brodtkorb, A. C. ....	10.70
Appel, Conrad. ....	396.66	Brott, Lewis. ....	30.60
Arlington Heights Fruit Co. ....	3.75	Brown, Geo. Campbell. ....	11.25
Armour & Co. ....	1.50	Brown, J. I. ....	8.00
Armour Packing Co. ....	1.84	Brown, Mary. ....	2.68
		Browning & Middleton (Incorporated). ....	23.47
		Brush, Chas. J. ....	34.00
		Bryan, H. E. ....	23.18
		Bridge, Frank T. ....	72.78
		Buffalo Cold Storage Co. ....	26.18
		Buffalo Dental Manufacturing Co. ....	6.10
		Buffalo Gasoline Motor Co. ....	113.20
		Buffalo Wire Works Co. ....	1.40

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Builders' Iron Foundry .....	\$20.35	Daly, W. W. ....	\$3.00
Bundy, Mande H. ....	23.25	Davis, Bridaham Drug Co. ....	10.87
Burchell Bros. ....	8.75	Davis Nursery Co., Franklin .....	46.98
Burck & Kleps. ....	1.54	Daw & Co., Wm. ....	23.30
Burke, T. C. ....	6.30	Dawley, F. E. ....	100.00
Burkhart's Repair Shop. ....	53.50	De Mund, A. L. ....	6.75
Burlington Venetian Blind Co. ....	40.00	Dennison Manufacturing Co. ....	52.46
Burpee & Co., Atlee W. ....	4.19	Denver Fire Clay Co. ....	17.25
Burr, E. W. ....	24.96	Deur, C. H. ....	11.00
Burton, A. C. ....	3.03	Diamond State Fiber Co. ....	8.50
Butler Co., W. H. ....	1.00	Dietrich, H. R. ....	7.85
Calhoun, H. O. ....	52.50	Dietsch Co., A. ....	275.00
California Electric Co. ....	4.92	Dietzen, N. ....	2.00
California Nursery Co. ....	64.10	Diller, Kaskey & Keen. ....	6.53
Camacho, Enrique. ....	41.00	Dale, John F. ....	11.55
Campbell, John G. ....	700.00	Donkersley, Neil. ....	3.00
Capital Motor Boat and Auto Supply Co. ....	9.85	Doubleday, Page & Co. ....	4.00
Capital Paper Box Co. ....	76.70	Douglas, R. L. ....	25.78
Capital Traction Co. ....	85.00	Dowdy, J. A. ....	6.00
Card Manufacturing Co., S. W. ....	2.69	Draper, J. S. ....	6.00
Carr, Frank. ....	86.00	Dreer (Incorporated), Henry A. ....	12.87
Cathcart, E. W. ....	7.56	Drew Co., H. & W. B. ....	4.25
Catlin Co., Elmer H. ....	5.50	Drury, John H. ....	24.00
Challenge Co. ....	10.22	Dufur & Co. ....	7.10
Chamberlin, George E. ....	10.60	Duke, W. H. ....	103.36
Channon Co., H. ....	25.80	Dulin & Martin Co. ....	37.75
Chatillon & Sons, John. ....	4.50	Dunford, J. W. ....	21.42
Chattanooga Implement and Manu- facturing Co. ....	13.50	Dunham, Wm. L. ....	6.50
Chester & Son, E. E. ....	9.00	DuPerow, M. ....	316.47
Church & Stephenson. ....	2,321.21	Dyer, W. H. ....	34.73
Clark, Albertus N. ....	12.00	Eagle Machine Works. ....	43.50
Clark, T. Edw. ....	146.20	Eberly's Sons, A. ....	8.75
Clark, W. D. ....	41.92	Edmonston, Chas. R. ....	1.31
Clarke Co., R. P. ....	5.76	Electric Wheel Co. ....	32.20
Clayton, W. C. ....	375.00	Elgin Butter Tub Co. ....	2.52
Clifton, W. R. ....	7.45	Elliott & Co., James. ....	7.50
Clore, L. B. ....	5.00	Elliott, John S. ....	55.25
Cloyd, W. B. ....	11.00	Elliott, W. H. ....	75.00
Coe Brass Manufacturing Co. ....	31.58	Elwanger & Barry. ....	10.50
Coe-Mortimer Co. ....	19.00	Engineering Specialty Co. ....	18.65
Cohen Co. ....	1.15	Englehart, F. C. ....	17.50
Colbert, L. R. ....	33.75	Erb, B. H. ....	14.06
Collins Manufacturing Co., A. M. ....	15.83	Erb, F. C. ....	27.50
Collins, J. Ross. ....	123.75	Erb, H. V. ....	57.50
Columbia National Sand Dredging Co. ....	14.80	Ergood Co., The J. C. ....	31.13
Columbia Oil Co. (Incorporated). ....	56.66	Eric Preserving Co. ....	8.00
Columbia Pump and Well Co. ....	2.00	Espey, J. B. ....	142.66
Condon, D. D. ....	5.76	Estler & Son, T. W. ....	51.64
Conger Bros. & Co. ....	.90	Eureka Flint and Spar Co. ....	21.25
Connard & Jones Co., The. ....	7.50	Eves, Bertha. ....	.75
Consumers' Mutual Supply Co. ....	12.30	Fairbanks Co. ....	144.40
Cook, John. ....	25.00	Fallon Forwarding Co. ....	14.50
Cooley, D. P. ....	342.40	Farquhar Co. (Limited), A. B. ....	398.54
Cooper, W. H. ....	6.25	Farr, W. T. ....	266.18
Copeland Co., M. G. ....	308.37	Farrell, Geo. L. ....	3.75
Corbett, Geo. E. ....	6.75	Fendner, Wm. H. ....	4.00
Cornwell & Son, G. G. ....	2.50	Ferguson, A. M. ....	23.00
Corr, Phil. M. ....	5.75	Ferguson, J. B. ....	1.00
Cory, Carl C. ....	66.75	Ferguson, H. M. ....	2.00
Corry, Ralph. ....	13.60	Ferrel & Co., A. T. ....	57.82
Cottingham, E. ....	383.00	Ferry & Co., D. M. ....	5.16
Coughenour, Harry L. ....	12.80	Fertilizer Products Co. ....	5.00
Coughlin, D. J. ....	132.30	Fetter, Wm. H. ....	40.03
Covell, Jas. A. ....	17.50	Field, J. E. ....	5.00
Cowgill, H. B. ....	99.00	Field Force Pump Co. ....	1.00
Craig, Wm. P. ....	30.00	Florida East Coast Ice Co. ....	56.24
Criddle, Norman. ....	26.00	Florida Tobacco Co. ....	397.50
Cummer Manufacturing Co. ....	21.61	Flynn & Blount. ....	8.50
Cunningham, J. W. ....	19.35	Ford, John W. ....	2.75
Cushman Power Sprayer Co. ....	37.50	Ford, I. ....	96.00
Cutaway Harrow Co. ....	49.75	Forker & Co., C. A. ....	16.20
Cutler-Hammer Manufacturing Co. ....	7.95	Forsberg, G. W. ....	21.50
Cyprian, Brother. ....	37.28	Forsythe, J. A. ....	16.54
Dakota Improved Seed Co. ....	134.32	Fort Hays Branch Express Station. ....	6.00
Dalhart Coal and Grain Co. ....	58.97	Foster Engineering Co. ....	30.75
		Fox Typewriter Co. ....	164.00
		Franklin Laundry. ....	29.45

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Frazee-Potomac Laundry Co.....	\$115.83	Helder, Geo. H.....	\$1.25
French, G. F.....	6.05	Hellman Oil Co.....	3.20
Friedlander & Sohn, R.....	91.41	Henbest, A. J.....	67.50
Friend Manufacturing Co.....	1.25	Henderson & Co., Peter.....	35.69
Fries, Beall & Sharp.....	1.40	Hendey Machine Co.....	118.00
Fritch & Son, Geo. T.....	17.25	Hensley, E.....	.60
Fuller & Johnson Manufacturing Co.....	177.70	Herrmann, Chas. F.....	.75
Fuller, R. K.....	73.00	Hertzog, P. H.....	282.82
Funk Bros. Seed Co.....	28.50	Hess-Bright Manufacturing Co.....	13.78
Gaardahl, Christen.....	30.00	Heurich Brewing Co., Chas.....	42.00
Gair Co., Robt.....	12.45	Heywood Manufacturing Co.....	106.25
Galbraith, Foxworth Co.....	10.06	Hicks & Son, I.....	37.43
Galliber & Bro. (Incorporated), W. T.....	116.06	Higley Co., E. B.....	21.95
Galt & Co., W. M.....	418.57	Hillman, Marian M.....	9.00
Garl, Francis.....	5.00	Hiser, Daniel.....	278.55
Garman, A. S.....	7.00	Hitchings, G. G.....	49.32
Garrett, A. O.....	2.00	Hitt, R. M.....	15.00
Gaskins, Wm. H.....	3.75	Hoffman, F. C.....	7.50
Gay, A. S.....	18.60	Hoge & McDowell Co. (Incorporated) ..	522.00
Gay Hardware Co., A. S.....	1,118.01	Hollingshead, Nelson T.....	74.00
Gee, J. J.....	26.20	Holm, A. B.....	28.30
General Electric Co.....	34.00	Holm, Theodore.....	147.05
Germain Seed and Plant Co.....	7.15	Holmes & Co., Wm. E.....	44.75
Germiller, J. P.....	7.00	Holtzer Cabot Electric Co.....	165.30
Geter, Alonzo.....	2.80	Home Ice Co.....	774.92
Gichner, Fred S.....	32.00	Hood & Co., W. T.....	57.75
Gies Gear Co.....	17.50	Hoosier Drill Co.....	25.77
Giffin, Theodore.....	7.00	Hopkins, C. G.....	9.00
Giger, Julius.....	18.90	Hotuck, S. D.....	52.95
Giles, A.....	350.00	Hubbard Co., T. S.....	1.50
Gilkey, H. M.....	18.25	Hudson Electric Supply Co.....	16.65
Gillet, Mrs. Felix.....	22.00	Hudson's Variety Store.....	15.40
Gipple, H. W.....	57.06	Hughes, Mrs. Peter.....	60.00
Girardeau, W. M.....	3.00	Hugo Grain Co.....	62.93
Glen St. Mary Nurseries Co.....	305.75	Hunter Dust Killing Floor Oil Co. (In-	
Goetz, C. P.....	1.50	corporated), C. T.....	1.75
Goldenberg, M.....	.70	Hunter, D. H.....	954.87
Golden Rule Grocery Co.....	2.70	Huss, S. P.....	81.00
Good, James.....	9.62	Hutterly, A. O.....	4.15
Gordon-Van Tine Co.....	27.24	Hyde, John.....	20.80
Gorham, John.....	18.04	Hydraulic Press Brick Co.....	106.40
Goulds Manufacturing Co.....	95.39	Improved Mailing Case Co.....	47.68
Grain Dealers Journal.....	6.55	Indian Head Plantations (Incorpo-	
Grand Junction Fruit Growers Asso-		rated).....	1,000.00
ciation.....	28.50	Ingram, B. H.....	133.50
Gravatt, C. N.....	35.00	International Harvester Co.....	32.10
Green Bay Cot Co.....	8.00	Iwan Bros.....	4.75
Green, George.....	92.36	Jaap, Otto.....	1.57
Gribble, W. H.....	32.85	Janesville Machine Co.....	23.00
Griffin & Skelley Co.....	16.30	Jeffers, Henry W.....	5.00
Griffing Bros. Co.....	5.40	Jeffrey Manufacturing Co.....	30.00
Griffith, D. J.....	16.00	Jenks, W. S.....	78.60
Gromer Bros.....	21.35	Johnson, Fred R.....	10.00
Grubb & Son, E. H.....	17.18	Johnson, Joe, M.....	422.85
Guseman, John W.....	50.00	Johnson Seed Co.....	3.00
Guy, Geo. D.....	26.29	Johnson & Stoke.....	2.00
Haffameir & Son, M.....	6.32	Jones, C. J. W.....	6.24
Haines, Jones & Cadbury Co.....	1.17	Jones, David.....	22.50
Hall, Eugene J.....	8.00	Jones Hardware Co.....	474.54
Hall, H. M.....	4.80	Jones, J. F.....	1.50
Halladay, Edmond.....	144.10	Jones & Sons, Wesley N.....	12.50
Halsted, Byron D.....	8.25	Josselyn, Geo. S.....	126.35
Harn, Frank W.....	11.75	Journal Printing Co.....	.25
Hamilton, Jno. W.....	10.50	Joyce Engraving Co., The Maurice.....	86.15
Hammond, Alonzo.....	130.00	Junk, W.....	16.75
Hammond, T. W. Co.....	95.68	Kalman, Wm.....	24.47
Hannam, C. M.....	57.29	Kann Sons & Co., S.....	64.94
Hardie, Dan.....	9.50	Kansas Agricultural College.....	137.86
Hardie Manufacturing Co.....	1.57	Katzenstein & Co., Otto.....	38.25
Hartlee, M. D.....	5.50	Keasbey & Mattison Co.....	51.54
Harris & Shafer Co.....	13.43	Keene, M. Lucille.....	6.90
Hartig, Louis.....	65.24	Keese, M. B.....	7.50
Hastings & Co., H. G.....	44.05	Keller Grocery Co.....	7.20
Hays, M. G.....	31.00	Keller, Ludwig.....	4.90
Hazen, L. E.....	2.50	Kellogg Switchboard and Supply	
Hazleton, E. P.....	18.35	Co.....	138.56
Heiskell & Co., P. H., Jr.....	145.15	Kelly, J. G.....	5.85

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended Jun 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kelly, Harlan P.....	\$42.50	Mann & Co., P.....	\$26.05
Kendall, J. B.....	39.70	Marsden Co.....	1.92
Kendrick Book and Stationery Co.....	20.25	Martin, C. R. & B. M.....	11.67
Kennedy, P. Beveridge.....	3.00	Martin, Arnold.....	2.00
Kennerly Hardware Co.....	16.50	Martin, Henri.....	50.00
Kent Co., I. H.....	31.05	Mason, W. C.....	62.00
Kerr, J. W.....	8.80	Matheson Hardware Co.....	11.10
Key, Norman.....	14.00	Matheson Lumber and Hardware Co.....	16.75
Keystone Co., Ellis.....	9.76	Matsinger, F. W.....	142.22
Kieling, H. J.....	19.50	Mattingly, J. D.....	64.20
Kilburn & Co.....	181.68	May Hardware Co., F. P.....	46.36
Killian Co., Geo. P.....	51.46	May & Son, W. H.....	222.01
King, W. L.....	26.40	Maynard, Andrew R.....	18.90
Kiskup, B. C.....	3.40	Meehan & Sons (Incorporated), Thos.....	17.33
Kleeblatt, A.....	3.50	Meekins, B. F.....	5.00
Kneesi's Sons, K.....	50.50	Melson, J. H.....	37.55
Knott & Mohler.....	30.00	Memory, J. L.....	3.00
Knowles, David.....	3.50	Merriam & Co.....	90.00
Knox, John.....	65.00	Merrill, H. W.....	11.00
Koernicke, Annie I.....	19.49	Metropolitan Material Co.....	26.50
Kolman, Wm.....	14.18	Meyer-Smilgen Co.....	193.20
Kornahrens, Arnold H.....	2.25	Middletion, J. W.....	15.85
Lambie Co. (Incorporated), Jas. B.....	259.18	Miller, Chas.....	48.00
Lander & Smith.....	1.11	Miller, Dubrul & Peters Manufactur-	
Lansburgh & Bro.....	296.62	ing Co.....	5.25
Larsen, L. D.....	21.48	Miller & Gossard.....	21.60
Latham, S. W.....	5.00	Miller, H. H.....	20.15
Laughlin, R. E.....	14.25	Miller, H. P.....	8.25
Lautenschlager, F. & M.....	14.05	Miller & Paine (Incorporated).....	2.50
Lavender, Chas. H.....	300.45	Millhisier Bag Co., (Incorporated).....	81.25
Lawrence Co., Geo. R.....	4.23	Mineralized Rubber Co.....	256.00
Lee, A. O.....	4.00	Minnesota Seed Co.....	9.69
Lee, Sarah.....	7.24	Minnix Co. (Incorporated), N. M.....	23.25
Leeds & Nothrup Co.....	1.54	Mitchell, A.....	207.50
Leffingwell, Rancho (Incorporated).....	9.00	Molony & Carter.....	58.58
Leffler, C. D.....	1.70	Monarch, T. W. & Co.....	164.00
Leggett & Brother.....	4.95	Montgomery & Co.....	16.25
Lehn & Fink.....	4.46	Montgomery Lumber Co.....	28.97
Lemcke & Beuchner.....	8.68	Moore, A. T.....	375.00
Lemoine, May B.....	5.00	Moore, C. F.....	8.00
Lennon, Geo. W.....	5.00	Moore Co.....	129.12
Lentz & Sons, Chas.....	18.80	Moore, Elliot.....	9.00
Library of Congress.....	12.16	Moore, S. E.....	7.10
Liebman Bros.....	8.00	Morehouse, Arthur L.....	90.00
Lilly Co., Chas. H.....	1.00	Morgan, Henry H.....	.56
Lincoln, Geo. T.....	14.50	Morrill & Moreley.....	2.83
Lindsay Bros.....	7.96	E. H. Morrison.....	408.00
Lindsay Rubber Manufacturing Co.,		Morse & Co., C. C.....	5.75
M.....	5.16	Morse Chain Co.....	18.85
Linen Thread Co.....	2.53	Mott Iron Works, J. L.....	42.00
Livingston, Burton E.....	1.00	Muddiman & Co., C. A.....	4.70
Long, R. S.....	15.09	Mueller Manufacturing Co., H.....	53.00
Lord & Burnham Co.....	42.95	Munson, D. O.....	34.80
Los Angeles Ice and Cold Storage Co.....	25.39	Munson Supply Co.....	3.50
Lovett, Jos. L., estate of.....	3.80	Murphy (Incorporated), E. J.....	218.72
Lowdermilk & Co., W. H.....	84.00	Murphy, J. J.....	103.80
Lubarskey & Co.....	852.64	Murray Engineering Co.....	4.30
Lutz & Co.....	7.50	Murray, Geo.....	150.00
Lyman, A. B.....	10.00	Muth Bros. & Co.....	7.35
McAloon, T.....	74.83	Muth, D. C.....	70.85
McBeth & Kinnison.....	20.02	Muth & Co., Geo. F.....	521.95
McClellan, W. B.....	2.50	Mutual District Messenger Co.....	10.00
McCowen, J. W.....	15.68	Nagle, J. L.....	14.00
McCrorey & Co., J. B.....	3.00	National Creamery Supply Co.....	8.00
McCubbin Co., C. J.....	38.05	National Electric Supply Co.....	226.77
McDonald Co., J. A.....	4.63	National Engineering Co.....	2.00
McGill, Thos. W., jr.....	7.50	National Mortar Co.....	67.89
McLaughlin, Jos.....	15.00	National Phonograph Co.....	597.16
McLaughlin Co., The.....	21.75	National Pileless Scale Co.....	45.00
McMillan Book Co.....	4.20	National Window and Office Cleaning	
McMurry Lumber Co.....	159.45	Co.....	25.00
Maass, George.....	254.40	Navy Department.....	13.10
Machinery and Electrical Co.....	29.17	Nawrath, J. P.....	27.55
Macklin, Wm.....	45.45	Nehbel, Haval.....	25.00
Mahan, C. A.....	21.71	Nelson, John.....	27.00
Malone, Fred.....	20.00	Nelson, Victor.....	13.60
Mann, Fred E.....	2.00	Neuman & Hadley.....	15.40

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,790"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Neumeyer Co.	\$5.00	Riley, Marley	\$10.00
Nevada Agricultural Experiment Station	22.00	Riley, Thos. R.	13.50
New England Box Co.	53.13	Risien, E. E.	8.35
New York Evening Mail	22.80	Ross Co., Chas. J.	3.00
Nordhoff, Wm.	3.50	Rouse, Irving	9.95
Norfolk Farm Supply Co.	22.56	Rudge & Guenzel Co.	47.25
North Carolina Department of Agriculture	54.75	Rudolph & West Co.	708.07
North Dakota Experiment Station	33.00	Rusk, W. H.	17.82
Northern Electric Manufacturing Co.	133.00	Russell, Al.	10.00
Northrup, King & Co.	20.56	Saibara, Kiyooki	300.00
Nungesser & Co., Henry	7.50	Salchow & Baldwin	23.33
Oakley, Wm.	5.00	Sanders, W. S.	15.00
Oden, J. W.	11.00	San Dimas Citrus Union	4.50
Offterdinger, Henry T.	5.80	Sanguinetti, E. F.	42.10
Offutt, G. W.	3.15	Scarff, W. N.	10.00
Okonite Co. (Limited)	19.60	Schafer & Co., E. G.	2.10
Olds & Whipple	299.65	Scherer & Co., John C., jr.	485.00
Oliver, T. W., Co.	52.01	Schindler & Co., Jos. A.	3.60
Olson, Albert	18.98	Schlyer & Sons, John	12.00
Osgood Scale Co.	19.46	Schmid, Edw. S.	637.87
Owen, W. H.	4.00	Schneider, O. J.	39.00
Pacific Rural Press	2.00	Schneider's Sons, C.	11.00
Palais Royal	19.40	Schwaller & Son, C. S.	5.10
Palmer, Edward	75.00	Scientific Engraving	34.00
Pasadena Ice Co.	72.87	Scientific Shop	18.86
Patterson & Wingard	9.60	Scott Bros.	12.25
Paul, Joseph	35.00	Seabury & Johnson	15.00
Pauls & Bro., G. C.	1.50	Seamark, Harry F.	4.35
Paxton, Geo. C.	9.00	Sellers, C. E.	.40
Peed, J. A.	93.00	Shedaker & Son, B. D.	.65
Peerless Electric Co.	75.75	Shedd & Bros. Co., S. S.	177.70
Peerless Rubber Manufacturing Co.	28.50	Shelfer Co., E. B.	14.77
Percival Sash and Door Co.	215.00	Shelley, W. G.	36.00
Peterson, F. O.	9.00	Shore, Chas.	5.50
Pettis, C. R.	15.77	Shwarz Co., H.	21.00
Philip & Sons, Geo.	2.50	Simms, G. G. C.	4.00
Phoenix Nursery Co., The	4.00	Simplex Electric Heating Co.	26.25
Pierce & Co., C. C.	12.50	Singleton, H. E.	6.00
Pierce, W. A.	8.33	Sires & Bro., O. C.	5.75
Pike Adding Machine Co.	435.00	Smith, C. E.	21.00
Pinney, W. S.	372.30	Smith, Emma R.	24.67
Pittsburg Gage and Supply Co.	5.25	Smith, H. C.	60.00
Plater, George	4.50	Smith & Bros., Typewriter Co., L. C.	86.00
Pneumatic Manufacturing Co.	2.05	Smith Premier Typewriter Co.	18.30
Poehlman Bros. Co.	34.50	Smith, Thos. W.	38.00
Pollworth Co., C. C.	18.00	Smoot & Co.	15.98
Pons & Co.	2.00	Soar Bros.	101.90
Pool, Joe F.	35.00	Somerville Co., Thos.	2,026.39
Postmaster	58.30	Sonderegger, Carl	7.61
Potomac Electric Power Co.	1,225.00	Sorenson, Ephraim	12.45
Powell, George T.	12.00	Soules & Butler	56.39
Pratt & Whitney Co.	27.51	Southeastern Lime and Cement Co.	48.33
Press Clipping Bureau	4.00	Southern California Acclimatization Association	2.50
Prober Carriage Co.	194.00	Southern Printers Supply Co.	9.80
Pugsley, C. W.	4.00	Spears & Son, E. F.	43.50
Pulverized Manure Co.	13.00	Speed Changing Pulley Co.	360.00
Putnam, Luther	66.50	Spencer, F. P.	27.20
Rader, A. L.	24.60	Speyer & Peters	37.90
Rand, McNally & Co.	1.90	Spramotor Co.	16.03
Randall-Faichney Co.	.25	Standard Oil Co.	17.22
Randolph Paper Box Co.	242.88	Stannard, H. B.	15.00
Rau, John C.	32.03	Stark Bros. Nurseries and Orchard Co.	49.39
Reasoner Bros.	7.00	Stechert & Co., G. F.	58.56
Reclamation Service	149.61	Steckler Seed Co., J.	10.15
Rehm, Heinrich	10.00	Steele, T. E.	48.75
Reichert, Albert	416.00	Steep, William M.	393.68
Reid, James L.	9.00	Stelzer, Jno.	27.75
Reid Creamery & Dairy Supply Co., A. H.	3.84	Stephens, E. F.	8.48
Reilly, Hugh	283.76	Stewart, A. W.	6.00
Reinberg, Peter	5.00	Stine, George	15.00
Remington Typewriter Co.	635.76	Storrs & Harrison Co.	1.20
Richter & Co., F.	22.20	Streator, Geo. J.	3.00
Riley, J. M.	62.25	Strickland, Ansel	75.00
		Studebaker Bros. Manufacturing Co.	97.30
		Sturges, Frederick	8.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Suffolk Peanut Co.	\$14.25	Whelchel, J. M.	\$15.00
Suisum Implement Co.	11.70	White, Fred J.	34.58
Sullivan, John.	76.00	White, F. R.	1.75
Sweet, Asa.	6.30	White, J. A.	29.45
Swezey, A. C.	186.75	White, J. St. Clair.	10.00
Syracuse Chilled Plow Co.	.75	White, N. B.	30.00
Takahashi, K.	65.00	White Co., O. C.	9.67
Tavener, Cloyd.	9.00	White, Waldo.	5.00
Taylor, W. C.	172.25	Whittier Citrus Association.	12.00
Ten Eyck, A. M.	18.00	Whyte, Warren M.	114.85
Texas Seed and Floral Co.	2.10	Wiard Plow Co.	15.00
Thomas Clock Co., Seth.	42.00	Wiegand, Martin.	4.95
Thompson-Diggs Co.	27.42	Wight, J. B.	8.00
Thompson & Norris Co., The.	46.45	Will & Co., Oscar H.	40.50
Thorburn & Co., J. M.	115.89	Willett Seed Co., N. L.	48.00
Timmons Hardware Co.	25.00	William & Bros., J. P.	58.40
Tindal, A. J.	4.00	Williams, C. G.	4.00
Titler, D. L.	10.00	Williams, G. B.	23.75
Toler, J. I.	6.00	Williams, H. F.	2.80
Tolman, R. P.	158.30	Williams, W. L.	15.00
Tonopah Lumber Co.	78.00	Williams, W. W.	226.79
Topham, James S.	173.40	Williams, Brown & Earle.	9.40
Trigg, F. E.	18.00	Wilson, Oliver.	18.00
Troitt, J. H.	3.20	Winfield, A. A.	20.00
True, Gordon H.	1.30	Wirt & Co., Chas.	70.20
Tschiffely, T. A., jr.	3.40	Wood, James A.	80.70
Typewriter and Office Supply Co.	16.75	Wood & Sons, T. W.	4.20
Underwood Typewriter Co.	1,040.15	Woodman, W. W.	100.00
U. S. Mailing Case Co.	75.80	Woodward & Lothrop.	101.30
Universal Adding Machine Co.	317.00	Woolf & Co., C. M.	152.83
University of Chicago Press.	4.50	Woolworth & Co., F. W.	3.00
Utah Sugar Co.	29.30	Workman & Derryberry.	12.00
Utah-Idaho Sugar Co.	57.15	Wright & Co., R. F.	46.90
Vance, M. F.	54.60	Wynne & Co., J. R.	5.50
Van Every, E. B.	2.25	Yeamans, C. N.	647.26
Van Eyck Machine Co.	20.00	Young, Jno. P.	14.05
Van Liew, W. K.	7.15	Young, Lewis.	31.45
Vanmeter, J. M.	6.50	Young, Thos. E.	52.35
Vaughans Seed Store.	.15	Young, W. H.	7.50
Vilmourin-Andrieux & Co.	263.45	Youns, Elphonzo & Co.	5.10
Vincent & Sons Co., R. J.	1.50	Yuma Electric and Water Co.	29.25
Vineland Grape Juice Co.	517.29	Zelley, N. F.	10.00
Wagner Co., R. V.	4.88	Zichtl & Co., A.	158.15
Waite, Bailie & Co.	57.50		
Walford, D. N.	10.25	Total.	57,572.15
Walker, Harriet A.	55.90		
Walker, J. B.	45.00	<i>Furniture.</i>	
Walker, W. Irving.	10.00	Henry, Joe.	3.50
Walker Brick Co., W. T.	64.00	Hoeke, W. H.	406.72
Wallace Machine Co.	285.00	Hudson & Warnock.	50.00
Walls, Owen & Staneback Co.	249.33	Kaufman, A. A.	30.00
Walton, F. L.	20.00	Lansburgh Furniture and Carpet Co., J.	251.61
Ward & Sons, Edgar T.	39.65	Library Bureau.	390.90
Warden, Henry.	20.00	Lincoln, Fred S.	2,085.98
Warner, F. A.	9.00	Moses & Sons, W. B.	1,346.64
Warner Gear Co.	16.50	Rudge & Guenzel Co.	31.00
Washburn Shops.	29.85	Schmidt, O. H.	140.00
Washington Loan and Trust Co.	1.00	Sweet & Co., A. D.	81.00
Washington Market Co.	74.62	Typewriter and Office Supply Co.	8.50
Washington News Co.	.38	Washburn Shops.	14.00
Washington Post Co.	8.10	Williams & Noland.	40.80
Washington Safe and Lock Co.	3.00	Williamson Bros. & Co.	5.75
Washington Woodworking Co.	1,356.68	Woodruff Manufacturing Co.	452.00
Watson, J. W.	9.60	Woodward & Lothrop.	993.95
Watson, R. M.	14.00	Yawman & Erbe.	1,276.78
Watson & Sons, W.	5.11		
Watson, La Rue C.	2.00	Total.	7,609.13
Watts & Miller Co.	10.14		
Weigel, Oswald.	29.69	<i>Fuel.</i>	
Weiser, S. J.	9.12	Allegheny Co.	2,650.87
Weiss, A. P.	3.28	Edwards, Stanley W.	47.00
Wellauer, Emil.	5.00		
Welsbach Co.	8.50	Total.	2,697.87
Wessel, Duval & Co.	41.00		
Western Electric Co.	6.62		
Westing Co., G. H.	32.00		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Rent—Continued.</i>	
Allison, Geo. L.....	\$20.25	Dierkoph, Geo. H. and Helen.....	\$120.00
Ann Arbor R. R. Co.....	2.94	Drake, F. B.....	20.00
Atchison, Topeka and Santa Fe Ry. Co.....	23.98	Fort Dallas Land Co.....	60.00
Baltimore and Ohio R. R. Co.....	65.88	Friedrichs, A. M.....	420.00
Blue Line Transfer Co.....	31.61	Gardner, Eliza.....	420.00
Caton & Sons, Jas. O.....	6.00	Hoenehs, C. R.....	78.00
Central New England R. R. Co.....	1.38	Knott, J. C.....	46.30
Chesapeake and Ohio Ry. Co.....	18.84	Landsdale, H. V.....	360.00
Chicago, Burlington and Quincy R. R. Co.....	4.86	Phinney, W. S.....	9.17
Chicago, Milwaukee and St. Paul R. R. Co.....	1.93	Reed, Carrie S.....	33.00
Denver and Rio Grande R. R. Co.....	3.33	Royal National Bank.....	120.00
Florida East Coast Ry. Co.....	37.21	Simpson, Chas. T.....	420.00
Granger, Lester.....	46.00	Soar Bros.....	10.00
Hannon, Jas. S.....	.50	Tyler & Rutherford (Incorporated).....	3,000.00
Hoenehs, C. B.....	23.15	Waggaman, Clarke.....	78.75
Knox Express Co., Geo. W.....	79.08	Walker, Geo. E.....	37.50
Llera Express.....	9.30	Woodman, W. W.....	55.00
Long Island R. R. Co.....	9.52	Yuma Water and Light Co.....	16.00
Munson Steamship Line.....	24.58	Total.....	11,862.72
Norfolk and Washington Steamboat Co.....	23.38	<i>Gas and electricity.</i>	
Patterson, James.....	5.00	Potomac Electric Power Co.....	2,311.86
Pennsylvania R. R. Co.....	97.24	Washington, Alexandria and Mount Vernon Ry. Co.....	71.00
Potomac Navigation Co.....	9.35	Washington Gas Light Co.....	527.60
Remington Machine Co.....	42.36	Total.....	2,910.46
Rossa, I. P.....	347.68	<i>Apparatus, instruments, and laboratory material.</i>	
San Pedro, Los Angeles and Salt Lake R. R. Co.....	5.04	Adams, Chas. F.....	56.00
Southern Pacific Co.....	26.71	Alberene Stone Co.....	327.00
Southern Ry. Co.....	7.97	Aluminum Co. of America.....	27.79
Washington Southern Ry.....	29.34	American Agricultural Chemical Co.....	3.93
Total.....	1,004.41	American Distributing Co.....	87.12
<i>Express.</i>		Arlington Bottling Co.....	6.00
Adams Express Co.....	1,608.01	Armour Fertilizer Works, The.....	8.10
Cooper, Ellwood.....	2.60	Arnold & Co., D. J.....	29.50
Ford, I.....	18.20	Ashepoo Fertilizer Co.....	239.68
Nichols, Clayton W.....	6.30	Baker, R. S.....	59.60
Spencer, F. P.....	12.00	Baker & Co. (Incorporated).....	13.75
United States Express Co.....	388.21	Baker Chemical Co., J. F.....	39.50
Wells, Fargo Express Co.....	78.91	Bausch & Lomb Optical Co.....	1,827.39
Total.....	2,114.23	Becker, Christian.....	54.40
<i>Telegraph.</i>		Bishop & Co., J.....	24.25
Postal Telegraph Co.....	91.57	Boericke & Tafel (Incorporated).....	4.50
Western Union Telegraph Co.....	618.07	Braun, F. W.....	44.90
Total.....	709.64	Bristol Co., The.....	28.00
<i>Telephone.</i>		Buch, F. M.....	118.02
Amarillo Telephone Exchange.....	7.50	Burke & James.....	.71
Blaisdell, F. G.....	5.00	Carl, Frederick.....	23.30
Chesapeake and Potomac Telephone Co.....	145.39	Columbia Photo Supply Co.....	143.00
Falls Church Telephone and Telegraph Co.....	118.25	Croselmirre & Ackor Co.....	157.59
Miami Telephone Co.....	48.00	Davis, J. G.....	2.00
Total.....	324.14	Draper Manufacturing Co.....	42.85
<i>Rent.</i>		Du Vivier, Ernest H.....	540.04
Barker, Amanda V.....	420.00	Eastman Kodak Co.....	62.54
Beavers, John M.....	1,375.00	Elmer & Amend.....	513.83
Benton County National Bank.....	30.00	Evans, P.....	139.33
Bradley Co. (Incorporated), J. H.....	3,000.00	Fairmount Chemical Laboratories.....	3.50
Brickell, Mary.....	60.00	Folmer & Schwing Co.....	7.06
Brisco, Martha.....	420.00	Forsythe & Co., A. G.....	24.00
Brown, Amanda E.....	510.00	Fox, Arthur W.....	22.07
Brown, Walter A.....	750.00	Frese Optical Co., Adolph.....	24.75
		Friez, Julian P.....	1,103.95
		Gaertner, Wm.....	264.32
		Germofert Manufacturing Co.....	48.60
		Giddings, Burt.....	245.20
		Gilman, Z. D.....	221.58
		Goetz American Optical Co., C. P.....	3.50
		Grand, J. L.....	10.40
		Green, Henry J.....	36.00
		Greiner Co., Emil.....	75.83
		Gurley, W. & L. E.....	4.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Hawaiian Fertilizer Co. ....	\$60.93	Belz, J. O. ....	\$199.43
Heil Chemical Co., Henry .....	67.50	Benson, W. D. ....	9.00
Houghton's (Limited) .....	32.51	Bessey, E. A. ....	1,335.34
Hoyle & Co., R. F. ....	45.00	Billings, George A. ....	194.04
Ing & Allen Co. ....	6.15	Bishop, W. H. ....	9.35
International Instrument Co. ....	102.85	Blair, B. V. ....	13.58
Kai & Co., O. ....	7.67	Blanchard, Henry F. ....	338.10
Keuffel & Esser Co. ....	126.96	Bleeker, W. L. ....	3.05
Kny-Scheerer Co. ....	470.00	Bolley, H. L. ....	31.35
Kohler, Fritz .....	3.03	Bordon, A. P. ....	319.17
Lamar, Taylor & Riley .....	63.85	Boss, R. M. ....	14.75
Leadbeater & Sons, E. S. (Incorporated) .....	25.05	Brackett, G. B. ....	105.95
Leese, M. A. ....	329.34	Brand, Chas. J. ....	634.33
Leitz, E. ....	615.67	Brenner, Z. W. ....	13.60
Lentz & Sons, Chas. ....	.75	Brewer, B. E. ....	159.15
Lenz & Lossan .....	22.00	Brewer, V. C. ....	548.50
Lewis, E. I. ....	14.00	Briggs, L. J. ....	389.17
Lockwood Dental Co., W. A. ....	2.00	Brodie, D. A. ....	285.20
McKee & Co., A. J. ....	21.80	Brown, D. E. ....	58.89
Mackall Bros. ....	782.79	Brown, E. ....	736.18
Mathy Co. ....	235.40	Brown, Earnest B. ....	1,116.57
Merck & Co. ....	86.60	Buckman, H. O. ....	144.35
Michigan Carbon Works .....	47.20	Bull, C. P. ....	4.25
Multi-Speed Shutter Co. ....	57.00	Burr, W. W. ....	89.73
Nachf, E. Leybolds .....	163.75	Butterfield, E. C. ....	45.04
Painter Fertilizer Co., E. O. ....	147.81	Byrnes, E. M. ....	4.49
Parke, Davis & Co. ....	45.00	Cannon, E. A. ....	4.43
Pasteur-Chamberland Filter Co. ....	.20	Carleton, M. A. ....	616.19
Payne & Euler .....	105.00	Carrier, Lyman .....	474.69
Pinkham & Smith .....	70.00	Cates, J. S. ....	885.63
Pullman, E. J. ....	1,720.14	Chambliss, Chas. E. ....	53.48
Queen & Co. (Incorporated) .....	1.27	Charles, V. K. ....	10.90
Rapid Computer Co. ....	25.00	Chase, Agnes. ....	415.52
Rochester Optical Co. ....	2.74	Chilcott, E. C. ....	623.11
Roentgen Manufacturing Co. ....	8.00	Chilcott, E. F. ....	112.06
Saks & Co. ....	90.70	Clarke, F. W. ....	1,449.68
Sargent & Co., E. H. ....	127.78	Clawson, Arthur B. ....	86.42
Schneider Bros. ....	120.55	Cobb, N. A. ....	118.19
Sharp & Dohme .....	42.82	Cobey, W. W. ....	9.25
Sheetz, W. Silas .....	1,109.06	Cole, E. F. ....	602.95
Spencer Lens Co. ....	107.02	Cole, John S. ....	390.51
Spoerhase, W. ....	75.00	Collins, C. Walter .....	32.60
Stokes Machine Co., F. J. ....	200.00	Connor, Louis G. ....	30.43
Starrevant Co., B. F. ....	12.50	Cook, Geo. H. ....	5.30
Sutermeister, E. ....	22.00	Cook, O. F. ....	336.27
Thomas Co., A. H. ....	922.80	Corbett, L. C. ....	364.56
Taylor Bros. Co. ....	3.00	Corrick, H. K. ....	111.79
Thomsen Chemical Co. ....	3.95	Cotton, J. S. ....	832.64
Tisdale, Mark B. ....	8.75	Cory, Victor L. ....	250.05
Torsion Balance Co. ....	37.87	Coville, F. V. ....	553.61
Weidinger & Son, Paul .....	9.96	Cox, H. R. ....	287.27
Whitall, Tatun Co. ....	539.90	Crandall, E. R. ....	14.34
Wilcox, J. L. ....	49.75	Crawford, A. C. ....	85.69
Wilson & Toomer Fertilizer Co. ....	38.15	Crocker, B. A. ....	5.01
Woodrow, R. S. ....	143.50	Crosby, M. A. ....	321.02
Woodward & Dickerson .....	19.50	Crosby, Mamie L. ....	117.06
Zeiss, Carl. ....	50.56	De Baun, Claud .....	301.84
Total .....	15,970.36	Dennis, S. J. ....	960.32
<i>Travel and station and field expenses.</i>		Derr, H. B. ....	302.25
Allard, H. A. ....	258.16	Dewey, L. H. ....	611.54
Allen, E. R. ....	24.85	Dillman, A. C. ....	258.47
Anderson, B. G. ....	18.50	Dimond, Oliver C. ....	5.85
Ayer, L. W. ....	92.64	Doane, D. H. ....	253.80
Ayres, T. W. ....	346.94	Dodge, L. G. ....	918.16
Ball, Carleton R. ....	551.56	Drake, J. A. ....	728.16
Ballard, W. S. ....	817.31	Drummond, Bruce .....	223.02
Balmat, Peter .....	3.90	Duvel, J. W. T. ....	116.68
Beattie, W. R. ....	1,718.24	Ellis, L. W. ....	856.87
Beavers, J. C. ....	493.45	Epley, R. S. ....	78.60
Beckwith, T. D. ....	71.45	Estabrook, Arthur H. ....	130.86
Beinhart, E. G. ....	141.37	Eustace, H. J. ....	1,038.03
Bell, Grace .....	49.80	Fairchild, David G. ....	14.58
		Farrar, Roscoe .....	18.20
		Farrell, F. D. ....	592.85
		Faurot, F. W. ....	65.38
		Fawcett, G. L. ....	253.48

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Fitzpatrick, Guy	\$306.78	Miles, Geo. F.	\$972.68
Fletcher, W. F.	718.41	Miller, Henry A.	215.15
Frear, D. W.	103.05	Mitchell, G. F.	357.37
Freeman, E. M.	316.07	Moore, W. C.	42.60
Froley, J. W.	213.87	Norton, Jesse B.	242.43
Galloway, B. T.	244.83	Oakley, R. A.	31.80
Garman, H.	12.03	O'Gara, P. J.	1,268.38
Garner, W. W.	235.68	Olson, Otto.	334.43
Gilbert, W. W.	184.81	Olstad, Carl.	13.73
Goll, F. L.	26.85	Onderdonk, G.	10.00
Gore, H. C.	461.36	Orton, W. A.	478.07
Goss, W. L.	8.10	Pardy, David A.	4.02
Gould, H. P.	608.80	Parker, Edward C.	114.62
Grace, Oliver J.	131.08	Patterson, Flora W.	32.50
Graverson, G. C.	9.51	Payne, J. E.	590.12
Green, E. C.	54.15	Peck, W. A.	807.11
Green, W. W.	403.59	Peterson, W. A.	569.79
Griffiths, David.	896.91	Phillips, Wendell.	9.30
Hamilton, Harrison.	13.41	Piper, C. V.	14.13
Hammerly, J. M.	79.22	Ports, E. M.	46.30
Hansen, N. E.	39.15	Powell, G. H.	1,474.30
Harris, Geo. W.	104.87	Prescott, Chas. W.	52.91
Harris, Jesse S.	3.49	Quinn, C. E.	1,309.23
Harter, L. L.	585.73	Quirk, A.	23.20
Hartley, C. P.	972.33	Rabak, F.	332.81
Hawkins, Lou A.	345.06	Ragan, W. H.	44.85
Hazen, L. E.	116.95	Reed, Clarence A.	338.81
Headley, F. B.	299.93	Ricker, P. L.	199.96
Hedgecock, G. G.	742.01	Rittue, E. C.	798.64
Hedges, F.	33.60	Robinson, T. R.	78.72
Heller, C. S.	264.25	Rogers, Shober J.	50.59
Hess, Enos H.	5.76	Rorer, J. B.	551.48
Hibbard, R. P.	288.98	Ross, John F.	647.01
Hildreth, C. E.	36.88	Rowe, R. W.	298.39
Hillman, F. H.	122.43	Salmon, C.	2.65
Hinson, W. M.	694.94	Saunders, D. A.	17.88
Hitchcock, A. S.	246.05	Savage, E. M.	113.50
Hoke, Chas. A.	240.30	Saylor, Chas. F.	855.71
Hood, S. C.	449.97	Scherffins, W. H.	190.48
Hoover, Chas. P.	84.00	Schrader, Wm. B.	429.55
Hosford, G. W.	893.86	Scofield, C. S.	717.36
Howell, R. C.	5.45	Scott, W. M.	639.64
Hudson, E. W.	241.60	Selby, A. D.	106.85
Hunter, Byron.	958.39	Shamel, A. D.	1,218.50
Husmann, F. L.	452.51	Shantz, H. L.	505.61
Husmann, G. C.	1,040.05	Shaw, H. B.	722.10
Jardine, W. M.	1,287.89	Shear, C. L.	332.67
Jensen, C. A.	1,231.27	Shoemaker, D. N.	46.19
Johnson, E. C.	586.44	Sievers, Arthur F.	468.97
Johnston, Jno. R.	106.10	Simonds, Edward.	43.75
Kassner, Geo. D.	133.67	Smith, C. B.	704.50
Kearney, T. H.	787.86	Smith, E. D.	4.20
Kellerman, K. F.	369.06	Smith, Erwin F.	123.69
Kelly, J. W.	25.20	Snavey, W. E.	9.80
Kennard, F. L.	485.26	Snyder, W. P.	1.70
Klugh, A. M.	4.05	Spaulding, P.	643.02
Klugh, G. F.	78.67	Spillman, W. J.	731.51
Kremers, Edward.	172.45	Stapp, jr., J. J.	27.35
Kyle, C. H.	654.33	Stevenson, Nellie.	41.70
Le Clere, J. A.	325.20	Steward, G. L.	663.13
Leldigh, A. H.	390.92	Stewart, J. B.	1,048.63
Lewton, F. L.	9.55	Stockberger, W. W.	409.74
Lucas, W. R.	48.45	Stone, A. L.	39.58
McClure, H. B.	868.29	Straughn, M. N.	157.39
McDowell, J. C.	411.11	Stuart, William.	98.99
McLane, J. W.	312.21	Stubenrauch, S. V.	1,119.23
McNair, A. D.	20	Swain, O. R.	11.60
McNess, Geo. Thos.	152.39	Swingle, W. J.	313.81
Mann, Albert.	30.10	Taylor, J. A.	266.70
Marsh, C. D.	1,152.02	Taylor, Thos. C.	31.10
Marsh, Hadleigh.	60.15	Taylor, Wm. A.	157.86
Mason, Silas C.	243.39	Tenny, L. S.	1,031.26
Massey, Geo. B.	122.55	Thayer, Paul.	4.54
Mathewson, E. H.	256.11	Thomas, R. Bentley.	14.47
Meadows, Jas. O.	158.60	Thompson, H. C.	436.11
Metcalf, Haven.	371.95	Tidestrom, Ivar.	169.47

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Tournier, A. ....	\$596.15	Wester, P. J. ....	\$273.47
Townsend, C. O. ....	2,569.37	Wheeler, C. F. ....	289.17
True, R. H. ....	663.66	White, H. M. ....	1,469.53
Turner, M. L. ....	7.80	Whittaker, H. A. ....	80.65
Tyler, F. J. ....	452.62	Wight, W. F. ....	400.54
Umberger, J. J. C. ....	550.34	Williams, L. S. ....	248.94
Venable, Woodson. ....	6.20	Woods, A. F. ....	287.67
Waite, M. B. ....	682.41	Woosley, H. ....	484.39
Waldron, L. R. ....	17.33	Young, Thos. B. ....	444.10
Warburton, C. W. ....	314.17	Youngblood, Bonney. ....	106.10
Warren, J. A. ....	714.38	Zook, L. L. ....	372.99
Waychoff, G. B. ....	18.68		
Webber, H. J. ....	203.90	Total.....	92,017.60
Weld, R. J. ....	22.31		

Total amount of appropriation. ....	\$584,780.00
Total expenditures under above groups. ....	\$561,699.07
Advance to E. C. Green, temporary special disbursing agent. ....	4,500.00
Advance to J. R. Johnston, temporary special disbursing agent. ....	465.06
Advance to A. H. Leidigh, temporary special disbursing agent. ....	874.14
Advance to A. Mann, temporary special disbursing agent. ....	210.30
Advance to S. C. Mason, temporary special disbursing agent. ....	999.25
Advance to W. A. Peterson, temporary special disbursing agent. ....	500.00
Advance to W. T. Swingle, temporary special disbursing agent. ....	1,723.59
	570,971.41
Unexpended balance. ....	13,808.59
Repayments to credit of appropriation. ....	65.28
Net unexpended balance. ....	13,873.77

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Bartholomew, E. ....	Growing experimental alfalfa. ....	\$50.00
Benton County National Bank. ....	Rent of office. ....	30.00
Brewer, N. S. ....	Growing sweet corn. ....	75.00
Do. ....	Growing vetch. ....	50.00
Do. ....	Growing experimental tobacco. ....	566.24
Brickell, Mary. ....	Rent of office quarters. ....	60.00
Bryan, H. E. ....	Growing tobacco. ....	23.18
Borden, A. P. ....	Growing tea. ....	319.00
Do. ....	Growing matting rush plants. ....	300.00
Campbell, J. G. ....	Painting greenhouses. ....	700.00
Christian Bros. ....	Lease of land in Missouri for crown-gall experiments. ....	37.28
Cooley, D. P. ....	Growing sweet corn. ....	75.00
Do. ....	do. ....	267.40
Cottingham, E. ....	Cultivation of drug plants. ....	375.00
Dawley, F. E. ....	Growing experimental alfalfa. ....	100.00
Drake, F. B. ....	Lease of land at North Platte, Neb. ....	20.00
Elliott, W. H. ....	Growing experimental tobacco. ....	75.00
Ferguson, J. B. ....	Lease of land at Fallon, Nev. ....	1.00
Florida Tobacco Co. ....	Growing experimental tobacco. ....	125.00
Do. ....	do. ....	272.50
Foard, J. W. ....	do. ....	2.75
Fort Dallas Land Co. ....	Rent of office quarters. ....	60.00
Gay (The Arthur S.) Hardware Co. ....	Furnishing farm implements. ....	611.20
Gifford, John. ....	Land for experimental purposes. ....	5.00
Glen St. Mary Nurseries Co. ....	Growing pecan trees. ....	25.00
Do. ....	Propagation and test of hybrid citrus fruits. ....	127.50
Gravatt, C. W. ....	Testing green manure. ....	35.00
Green & Shoemaker. ....	Growing matting rush plants. ....	75.00
Griffith, D. J. ....	Land in South Carolina for experimental purposes. ....	16.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Bureau of Plant Industry, 1908, \$584,780"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Hale Georgia Orchard Co.	Growing seedling peach trees.	\$30.00
Halladay, Edmond.	Growing vetch.	125.00
Hanna, C. M.	Growing experimental tobacco.	57.25
Haskell, W. E., jr.	Growing rice.	35.00
Do.	Growing matting rush plants.	75.00
Hunter, D. H.	For furnishing and installing irrigation machinery.	945.87
Indian Head Plantation.	Growing experimental tobacco.	1,000.00
Johnson, J. M.	Breeding disease-resistant watermelons on wilt-infested land.	20.00
Do.	do.	65.00
McQuie, W. A.	Lease of land in Missouri for crown-gall experiments.	100.00
Malone, Fred.	Testing green manure.	20.00
Morrison, E. H.	Growing poppies and purchase of same.	255.00
North Carolina Department of Agriculture.	Cooperative experimental vineyard.	54.75
North Dakota Agricultural Experiment Station.	Growing experimental alfalfa and red clover.	33.00
Pennsylvania Engineering Co.	Installing portable refrigerating plant.	5,300.00
Pinney, W. S.	Lease of tobacco barn near Suffield, Conn.	9.17
Pool, Joseph.	Breeding disease-resistant watermelons on wilt-infested land in cooperation with the North Carolina Experiment Station.	25.00
Do.	Breeding disease-resistant watermelons on wilt-infested land.	10.00
Potomac Electric Power Co.	Heating greenhouses and workshop of the Department of Agriculture.	1,050.00
Do.	Heating greenhouses.	350.00
Putnam, Luther.	Growing potatoes.	10.00
Richter, A. C.	Lease of land near Laredo, Tex.	1.00
Royal National Bank, Palestine Tex.	Rent of office.	120.00
Saibara, K.	Growing matting rush plants.	300.00
Shepard, C. W.	Tea for experimental purposes.	100.00
Sinclair, Alex.	Lease of land in Texas.	18.00
Do.	do.	2.98
Do.	Growing experimental cactus plants.	6.00
Slaughter, S. B.	Land for experimental purposes.	1.00
Soar Bros.	Land for growing orange trees.	10.00
Strickland, Ansel.	Growing experimental tobacco.	566.24
Swett, A. D.	Land for growing sugar beets.	39.50
Utah-Idaho Sugar Co.	do.	4.58
Utah-Idaho Sugar Co. and Utah Sugar Co.	do.	29.30
Vineland Grape Juice Co.	Cooperative experimental vineyard.	54.75
Walker, J. B.	Growing red clover seed.	45.00
Walner, W. I.	Testing green manure.	10.00
Walton, F. L.	Land for growing sugar beets.	39.50
Warden, Henry.	Testing green manure.	20.00
Williams, T. S.	Land for experimental purposes.	5.00
Woodman, W. W.	do.	40.00
Do.	do.	60.00
Do.	do.	55.00
Yuma Electric and Water Co.	Supplying water.	29.25
Yuma Water and Light Co.	Land for experimental purposes.	10.00
<i>Rent of premises in Washington, D. C.</i>		
Barker, A. V.	203 Thirteenth street sw.	420.00
Beavers, J. M.	1316 B street sw.	1,500.00
Bradley, J. H., Co.	224 Twelfth street sw.	3,000.00
Brisco, M. J.	207½ Thirteenth street sw.	420.00
Brown, Amanda E.	1310 B street sw.	180.00
Do.	1308 B street sw.	330.00
Brown, W. A. (agent).	1224 B street sw.	375.00
Brown, Walter A. (agent).	1226 B street sw.	375.00
Dierckhof, Geo. H., and wife.	237 Fourteenth street sw.	120.00
Friedrichs, A. M.	207 Fourteenth street sw.	420.00
Gardner, Eliza.	209 Thirteenth street sw.	420.00
Lansdale, H. V.	201 Thirteenth street sw.	360.00
Simpson, Charles T.	205 Thirteenth street sw.	420.00
Tyler & Rutherford.	1304-6 B street sw.	3,000.00
Waggaman, Clarke.	239 Thirteenth street sw.	78.75
Total.		27,034.94

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Grain investigations, 1908, \$40,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Shanahan, John D.	Expert crop technologist, at \$3,000	\$2,250.00	\$615.10
Duvel, J. W. T.	Assistant, at \$2,000 and \$2,250	1,625.00	403.49
Jeffers, Leonard M.	Assistant, at \$1,000	491.67	46.62
Morris, Evan L.	do.	722.23	118.56
Richey, E. C.	do.	244.45	154.15
Sattre, Alfred M.	do.	500.00	254.10
Romig, L. H.	Clerk, at \$1,200	200.00	69.70
Morrison, George W.	Clerk, at \$1,000	750.00	
Stockbridge, Lucetta	Clerk, at \$75 per month	75.00	
Weaning, Mattie M.	Clerk, at \$700	466.66	
Smith, Leroy M.	Helper, at \$840, and assistant, at \$900	690.00	20.00
Barrett, John M.	Plumber, at \$4 per diem	152.00	
Callahan, Thos. F.	do.	152.00	
Graham, Chas. W.	do.	100.00	
Lawless, John J.	do.	152.00	
Lynch, John H.	Messenger boy, at \$360	64.00	
Carter, Emma J.	Laborer, at \$40 per month	100.00	
Total		8,735.01	
<i>Out of Washington.</i>			
Shanahan, John D.	Expert, at \$3,000	750.00	
Leighty, Clyde E.	Expert assistant, at \$1,800	1,800.00	342.32
Duvel, J. W. T.	Assistant, at \$2,000	500.00	
Neal, C. A.	Assistant, at \$1,200	1,200.00	72.80
Ryder, Frank J.	do.	870.00	211.41
Richey, Edgar C.	Assistant, at \$1,000	500.00	
Sattre, A. M.	do.	222.23	
Fitz, L. A.	Scientific assistant, at \$1,800	1,800.00	489.54
Boerner, E. G.	Special agent and assistant, at \$1,500	1,500.00	1,017.40
Carroll, Wm. P.	Special agent and assistant, at \$1,200	1,200.00	266.44
Morrison, Geo. W.	Clerk, stenographer, and typewriter, at \$1,000	250.00	
Weaning, M. M.	Clerk, at \$700	116.68	
Bailey, Clyde H.	Aid, at \$900	272.50	
Davies, George N.	do.	607.50	
Duvel, Laurel	do.	565.00	324.50
Immer, Edward B.	do.	337.50	
Russell, Clark A.	do.	580.00	205.08
Bollman, Parker J.	Aid, at \$75 per month	342.50	
Cornelford, John F.	Aid, at \$75 per month and \$900	900.00	157.80
O'Loughlin, W. J.	Aid, at \$75 per month	370.00	87.33
Woolsey, Ralph B.	do.	347.50	
Shane, Ovid	Aid, at \$55 per month	152.17	
Smith, Le Roy M.	Laboratory helper, at \$840	210.00	
Key, Mary Taylor	Skilled laborer, at \$600	50.00	
Slade, Carl	Unskilled laborer, at \$35 per month	35.00	
Total		15,478.58	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Grain investigations, 1908, \$40,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$18.70	Trorlicht-Dunker Carpet Co.	\$66.50
Andrus & Church.	10.27	Underwood Typewriter Co.	500.15
Ballantyne, R. Carter.	92.24	Vacuum Oil Co.	10.50
Bemis Bag and Paper Co.	8.00	Washington Wood Working Co.	2.00
District of Columbia Paper Manu-		Wellauer, Emil.	22.50
facturing Co.	9.00	Wilkins & Co., Chas.	41.96
Lamb & Tilden.	2.80	Woodward & Lothrop.	5.76
Library Bureau.	12.50	Worthingham & Co.	4.35
Lincoln, Fred S.	86.25		
Morrison Paper Co., E.	4.80	Total.	2,442.78
Pen Carbon Manifold Co.	21.00		
Schmidt, Fred A.	12.52		
Sharp & Sons, F.	23.16	<i>Furniture.</i>	
Skinner & Kennedy Stationery Co.	56.40	Boutell Bros.	11.50
Stott & Co., Chas. G.	3.65	Constantine, J. H.	11.80
Swayze, W. L.	41.59	Cooty-Blodgett Co.	32.00
Tower Manufacturing and Novelty Co.	12.00	Donaldson & Co., L. S.	28.90
Union Envelope Co.	17.00	French & Bassett.	47.78
		Hale Desk Co.	48.00
Total.	431.88	Hoeke, W. H.	142.65
		Kaufmann & Sons, Louis.	2.50
<i>Miscellaneous supplies, etc.</i>		Kelly Furniture Co., F. S.	61.13
Barber & Ross.	70.15	Lansburgh Furniture and Carpet Co., J.	208.25
Bolgiano, F. W.	.50	Lincoln, Fred S.	237.61
Buffalo Wire Works Co.	2.56	Macey Company.	17.25
Carnegie Institute of Washington.	5.25	Matthews, Chas. E.	33.50
Chamberlain-Taylor Co.	20.00	Molitor & Bro., J. D.	65.65
Chase, H. & L.	112.50	Moses & Sons, W. B.	54.48
Clarke Co., R. P.	21.60	New England Furniture and Carpet	
Coe Brass Manufacturing Co.	2.52	Co.	63.49
Dangler Stove Co.	9.39	Paulle Co., L.	18.00
Dement & Rice.	9.75	Scaritt Comstock Furniture Co.	122.75
Dennison Manufacturing Co.	39.55	Sellew, T. G.	49.85
Diehl Manufacturing Co.	9.85	Tietje & Christ.	40.00
Dulin & Martin Co.	.68	Trorlicht Duncker & Renard Carpet	
Duluth Board of Trade.	89.92	Co.	38.50
Du Perow, M.	69.64	Underwood Typewriter Co.	37.00
Dyer, W. H.	45.60	Woodruff Manufacturing Co.	55.00
Edwards Co., W. R.	24.00	Woodward & Lothrop.	26.27
Espey, J. B.	1.10	Yawman & Erbe.	43.40
Fairbanks Co.	144.05		
Frank, G.	11.25	Total.	1,497.26
Ginn & Co.	3.78		
Hartig, Louis.	.53	<i>Freight.</i>	
Heiskell & Co., P. H., jr.	26.60	Baltimore and Ohio R. R. Co.	3.32
Himmel & Son, M. L.	13.79	Blue Line Transfer Co.	1.50
Huntley Manufacturing Co.	14.60	Chicago, St. Paul, Minneapolis &	
Kellogg Switchboard and Supply Co.	11.50	Omaha Ry.	1.46
Kelly Hardware Co.	5.30	Dolan Teaming Co., Jno. F.	.24
Lambie Co., James B. (Incorporated).	5.47	Hannon, Jas. S.	.25
Lewis-Tuttle Manufacturing Co.	25.00	Knott Express Co., The Geo. W.	.75
Lindsay Rubber Manufacturing Co., M.	1.65	Minneapolis and St. Louis R. R.	1.52
McCann, Edward I.	63.80	Pennsylvania Railroad Co.	2.34
McCubbin Co., C. J.	1.75	Roosa, I. P.	7.48
Merry, I. J.	4.86		
Minneapolis Brass and Iron Manu-		Total.	18.86
facturing Co.	43.75		
Minneapolis Towel Exchange.	3.00	<i>Express.</i>	
Murphy Co., E. J. (Incorporated).	5.57	Adams Express Co.	44.16
Muth & Co., Geo. F.	39.30	United States Express Co.	36.04
National Belting and Hose Co.	12.00		
National Electric Supply Co.	2.01	Total.	80.20
New York Produce Exchange.	41.88		
Nott Co., W. S.	21.30	<i>Telegraph.</i>	
Noye Manufacturing Co.	1.50	Postal-Telegraph-Cable Co.	7.51
Orange Judd Co.	19.60	Western Union Telegraph Co.	11.64
Pike Adding Machine Co.	305.00		
Randolph Paper Box Co.	21.60	Total.	19.15
Rau, John C.	.80		
Ray & Co., J. S.	10.00	<i>Telephone.</i>	
Reilly & Guy Co.	9.60	Chesapeake and Potomac Telephone	
Rudolph & West Co.	28.66	Co.	1.00
Schneider's Sons, C.	1.30		
Somerville Co., Thos.	283.83		
Taite & Sisler Co.	69.87		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Grain investigations, 1908, \$40,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Chamber of Commerce.....	\$155.87	Schneider Bros. ....	\$42.40
Chamber of Commerce Building Co. ....	500.00	Sheetz, W. Silas.....	6.50
Duluth Board of Trade.....	336.00	Thomas Co., A. H.....	74.49
Merchants' Exchange of St. Louis.....	406.66	Torsion Balance Co.....	187.10
New Orleans Board of Trade (Limited).....	360.00	Whitall, Tatum Co.....	101.10
New York Produce Exchange.....	190.00		
Total.....	1,948.53	Total.....	3,793.91
<i>Gas and electricity.</i>		<i>Travel and station and field expenses.</i>	
Consolidated Gas, Electric Light and Power Co. of Baltimore.....	3.10	Boerner, E. G.....	1,017.40
<i>Apparatus, instruments, and laboratory material.</i>		Carroll, W. P.....	266.44
American Distributing Co.....	20.52	Comerford, John F.....	157.89
Bausch & Lomb Optical Co.....	1,233.23	Duvel, J. W. T.....	236.81
Columbia Photo Supply Co.....	33.70	Duvel, Laurel.....	324.50
Eimer & Amend.....	108.00	Fitz, L. A.....	489.54
Gilman, Z. D.....	43.40	Jeffers, Leonard M.....	46.62
Green, Henry J.....	9.25	Leighty, C. E.....	342.32
Greiner Co., The Emil.....	515.50	Morris, Evan L.....	118.56
Hess Warming and Ventilating Co.....	22.54	Neal, Clarence A.....	72.80
Huntley Manufacturing Co.....	175.00	O'Laughlin, W. J.....	87.33
McKee & Co., A. J.....	9.63	Richey, Edgar C.....	154.15
Mackall Bros.....	136.85	Romig, Leroy H.....	69.70
MacKenzie, A. S.....	685.06	Russell, Clark A.....	205.08
Mathy Co.....	374.45	Ryder, F. J.....	211.41
Moran, G.....	15.25	Sattre, A. M.....	254.10
		Shanahan, J. D.....	615.10
		Smith, Le Roy M.....	20.00
		Total.....	4,689.75

Total amount of appropriation..... \$40,000.00  
 Total expenditures under above groups..... 39,140.01

Unexpended balance..... 859.99

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Grain investigations, 1908, \$40,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Chamber of Commerce Building Co., Baltimore.....	Office and laboratory rooms.....	\$500.00
Chamber of Commerce, Minneapolis.....	do.....	151.75
Duluth Board of Trade.....	do.....	350.92
Merchants' Exchange, St. Louis.....	do.....	406.66
New Orleans Board of Trade.....	do.....	360.00
Produce Exchange, New York City.....	do.....	231.88
Total.....		2,001.21

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Purchase and distribution of valuable seeds (including \$50,000 in deficiency bill),  
 \$252,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Tracy, W. W., sr.	Superintendent, at \$3,000.	\$3,000.00	\$699.03
Whittleton, R. J.	Superintendent, at \$2,000.	2,000.00	
Piper, C. V.	Agrostologist, at \$2,750.	2,750.00	578.66
Jones, O. F.	Executive assistant, at \$2,000.	211.11	
Morrison, L.	Assistant, at \$2,000 and \$2,200.	2,125.00	245.53
Tracy, J. E. W.	Assistant, at \$2,000.	2,000.00	357.23
Westgate, J. M.	Assistant, at \$1,800.	1,800.00	198.02
Oakley, R. A.	Assistant, at \$1,600.	1,600.00	440.81
Tracy, W. W., jr.	do.	1,533.33	184.40
Nielsen, H. T.	Assistant, at \$1,200 and \$1,400.	1,300.00	590.40
Vinall, H. N.	Assistant, at \$1,200.	1,200.00	393.30
Foley, John F.	Assistant, at \$900.	100.00	
Morse, W. J.	do.	900.00	9.86
Wheeler, C. F.	Expert, at \$2,000.	166.66	
Oliver, G. W.	Expert, at \$1,800.	1,200.00	
Schmitz, Nickolas.	Expert, at \$1,200 and \$1,400.	1,300.00	748.34
Goucher, Edward.	Expert, at \$1,000.	1,000.00	
Williams, Robt. R.	Expert, at \$70 per month.	420.00	
Juenemann, H. E.	Gardener, at \$1,200.	100.00	
Atkinson, Edwin D.	Clerk, at \$900.	317.50	
Shaw, Thomas.	Clerk, at \$75 per month.	160.00	
Millott, Eugene.	Clerk, at \$720.	310.00	
Nance, Nell W.	Clerk, at \$600.	50.00	
Byrnes, Lula G.	Clerk, at \$40 per month.	206.67	
Holland, R. B.	Inspector, at \$900.	900.00	
Crandall, E. L.	Photographer, at \$720.	240.00	
Bort, K. S.	Aid, at \$1,200.	1,153.34	
Hopkins, F. B.	Aid, at \$840.	665.00	
Bergner, S. J.	Aid, at \$720.	60.00	
Smith, R. H., jr.	Aid, at \$600 and \$720.	480.00	
Nelson, Chas. W. C.	Cabinetmaker, at \$3.50 per diem.	210.00	
Dixon, W. D.	Teamster, at \$600.	375.00	
Priest, A. C.	do.	375.00	
Degenhardt, G. A.	Messenger boy, at \$480.	94.67	
Dulin, Mary S.	Skilled laborer, at \$600.	375.00	
Cookman, B. C.	Laborer, at \$60 per month.	150.00	
Hall, Fred C.	do.	720.00	
Ramsdell, K. P.	Laborer, at \$600.	660.00	
Gillingham, Minnie P.	Laborer, at \$55 per month.	105.41	
Millstead, E. H.	do.	660.00	
Galleher, U. H.	Laborer, at \$50 per month.	400.00	
Marcy, Calvin.	do.	250.00	
Payne, H. S.	do.	250.00	
Gilbert, Mary M.	Laborer, at \$540.	540.00	
Faunce, H. V.	Laborer, at \$45 per month.	540.00	
Auhagen, G.	Laborer, at \$2 per diem.	54.00	
McConica, Chas. C.	Laborer, at \$40 per month.	324.00	
Brown, Martha A.	Laborer, at \$35 per month.	385.00	
Rustine, Lucy C.	do.	420.00	
Brooks, Willard.	Laborer, at \$1.50 per diem.	3.37	
Bryant, Cullen.	do.	2.25	
Cale, Robert.	do.	1.00	
Collins, W. E.	do.	4.00	
Denton, L.	do.	.50	
Gaines, John.	do.	3.37	
Garrett, W. A.	do.	195.00	
Griggs, Frank.	do.	3.37	
Hall, Howard.	do.	1.50	
Harmon, Jacob.	do.	3.37	
Hawson, Luke.	do.	4.00	
Hughes, Ferril.	do.	29.25	
Hume, E.	do.	286.50	
Johnson, Mathew.	do.	3.75	
Jones Cleveland.	do.	3.00	
Lancaster, Arthur.	do.	3.00	
Lynn, T. H.	do.	375.00	
McGiuda, George.	do.	3.56	
Morton, George.	do.	3.56	
Moxley, Ford.	do.	3.37	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (including \$50,000 in deficiency bill), \$252,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Mulloneaux, Harry.....	Laborer, at \$1.50 per diem.....	\$4.50	
Nash, George.....	do.....	3.75	
Payne, Richard.....	do.....	4.00	
Phillips, R. C.....	do.....	2.62	
Putnam, C.....	do.....	90.75	
Robinson, Joshua.....	do.....	24.75	
Shorter, William.....	do.....	6.00	
Simmel, Vincent.....	do.....	4.50	
Soper, William.....	do.....	3.37	
Spencer, William.....	do.....	1.31	
Stenhauer, Walter.....	do.....	3.56	
Taylor, A.....	do.....	4.00	
Thomas, James.....	do.....	.50	
Williams, Henry.....	do.....	3.37	
Young, Cornelius.....	do.....	3.56	
Rowe, Beatrice G.....	Unskilled laborer, at \$40 per month.....	40.00	
Jones, Carrie L.....	Unskilled laborer, at \$35 per month.....	40.83	
Baltimore, Charles.....	Unskilled laborer, at \$1.50 per diem.....	6.00	
Brown, James.....	do.....	18.00	
Coates, Robert.....	do.....	7.50	
Edelin, Harrison.....	do.....	1.50	
Fleet, Ernest.....	do.....	18.00	
Hawkins, Edward.....	do.....	18.00	
Jamison, Charles.....	do.....	16.50	
Johnson, Eugene.....	do.....	18.00	
Patterson, Lawrence.....	do.....	17.25	
Reid, H. B.....	do.....	15.00	
Yates, Asbury.....	do.....	15.75	
Young, David.....	do.....	18.00	
Total.....		37,480.28	
<i>Out of Washington.</i>			
Conner, A. B.....	Scientific assistant, at \$1,200 and \$1,400.....	1,300.00	\$352.27
McKee, Roland.....	Scientific assistant, at \$1,200.....	1,200.00	421.33
Evans, M. W.....	Scientific assistant, at \$70 per month.....	840.00	454.15
Ayer, Harry D.....	Special agent, at \$400.....	182.22	
Kremers, William.....	Special agent, at \$20 per month.....	240.00	
Steele, Henry.....	Unskilled laborer, at \$60 per month.....	180.00	
Total.....		3,942.22	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds, \$252,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Andrews Paper Co., R. P.....	\$124.46	U. S. Bindery and Paper Goods Co....	\$9.80
Ballantyne, R. Carter.....	476.37	United States Envelope Co.....	156.48
Baumgarten Co., Herman.....	1.35	U. S. Paper Goods Co.....	48.90
Baumgarten & Sons, J.....	3.50	Yawman & Erbe Manufacturing Co....	6.05
Davison & Co., H. C.....	146.20	Total.....	1,360.84
Lamb & Tilden.....	9.59	<i>Miscellaneous supplies, etc.</i>	
Library Bureau.....	21.70	Abel & Co., C. C.....	8.85
Lincoln, Fred S.....	7.05	American Beet Sugar Co.....	44.00
Morrison Paper Co., E.....	5.85	American-La France Fire Engine Co..	43.50
Parker, D. Frank.....	15.70	American Multigraph Sales Co.....	4.00
Schmidt, Fred A.....	10.00	Armour & Co.....	2.60
Stockett-Fiske Co.....	21.30	Aschmann, Godfrey.....	71.00
Stott Co., Chas. G.....	15.85		
Swayze, W. L.....	167.88		
Union Envelope Co.....	112.81		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds, \$252,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Autograph Register Co.....	\$22.50	Espey, J. B.....	\$16.25
Bacon, Fred.....	8.00	Eter, Albert F.....	6.25
Bailey & Lanford.....	68.00	Everett, Thos. M.....	50.00
Bailey, T. J.....	32.50	Fairfield Lumbering and Manufactur-	
Barber & Ross.....	150.70	ing Co.....	14.01
Barker, Geo. M.....	53.40	Fairfield Machine Shop.....	31.60
Barnard Co., W. W.....	2,633.00	Fancher Creek Nurseries (Incorpo-	
Barr & Sons.....	7.67	rated).....	35.35
Barrett, W. H.....	1,196.00	Farrington, H. C.....	10.00
Barteldes Seed Co.....	1,818.94	Ferrell & Co., A. T.....	3.75
Baum, Louis.....	3.00	Ferry & Co., D. M.....	48.89
Benary, Ernst.....	2.39	Fish, Henry.....	546.73
Berkmans Co., P. J.....	42.00	Forbes, John.....	23.12
Betz, Ernest.....	.75	Foster & Co., C. J.....	40.00
Bobbink & Atkins.....	339.00	Foster, W. D.....	25.00
Boddington, Arthur T.....	88.55	Fox, J. W.....	500.00
Boehler, Conrad.....	141.50	Gay, David S.....	913.34
Boehner & Co., L.....	2.50	Gibbs, T. S.....	10.55
Bolgiano, F. W.....	425.11	Glen St. Mary Nurseries Co.....	102.90
Bowen, Wm. F.....	46.00	Gorham, John.....	45.25
Bowers & Bernasco.....	11.00	Goulds Manufacturing Co.....	1.62
Brabham, A. W.....	24.00	Grenell, W. H.....	1,585.40
Braslan Seed Growers Co.....	53,272.81	Griffith, D. J.....	337.50
Bray, N. M.....	20.00	Groff, D. F.....	2.50
Bremond, M.....	17.85	Harris, Wm. K.....	111.00
Brewer, Norman S.....	30.00	Hayes, W. J.....	24.00
Brown Bag Filling Co.....	187.14	Hazleton, E. P.....	5.80
Brown Bros. Co.....	18.97	Heiskell & Co., P. H., jr.....	6.13
Bryant, F. M.....	15.00	Henderson & Co., Peter.....	14.23
Bull, C. P.....	4.00	Herbert & Son, David.....	29.00
Burns, Louis.....	66.72	Hewett, D. D.....	11.50
Burpee & Co., W. Atlee.....	41.01	Hewitt, Stephen.....	10.00
Calkins, E. M.....	10.00	Hickory Seed Co.....	40.00
Campbell, W. K.....	10.15	Higgins, J. H.....	87.50
Capital Traction Co.....	50.00	Hill Co., E. G.....	144.35
Catlin Co., Elmer H.....	3.00	Hinrichs, Max.....	66.25
Chillcothe Lumber Co.....	19.05	Hiser, Daniel.....	187.00
Church & Stephenson.....	1,887.69	Hodges, John G.....	3.00
Clark Bros.....	18.00	Hoge & McDowell Co. (Incorporated).....	4.20
Clark, R. E.....	35.56	Howard, H. J. M.....	23.50
Cline, J. H.....	15.00	Howe Scale Co. of New York.....	30.80
Coe-Mortimer Co.....	30.75	Hubbard Co., T. S.....	233.70
Cole & Crissey.....	630.28	Hudson Electric Supply Co.....	20.85
Cole, J. W.....	25.20	Hunter Dust Killing Floor Oil Co. (In-	
Cole & Westwood.....	46,163.25	corporated), C. T.....	1.05
Collins, J. Ross.....	466.15	Hydraulic Press Brick Co.....	108.00
Columbia Pump and Well Co.....	12.90	Jenkins, Chas. S.....	60.00
Comstock, Ferre & Co.....	67.00	Jenks, W. S.....	10.20
Conklin, E. B.....	15.00	Johansen, Victor.....	278.25
Continental Bulb Nurseries.....	217.00	Johnson, Charles.....	120.68
Contingent expenses, Department of		Johnson, Joe M.....	50.00
Agriculture.....	302.23	Jones Bros. Co.....	670.60
Cook, C. E.....	124.60	Jones's Nurseries (Limited), H. J.....	42.52
Cook, John.....	138.00	Jones, Hiram T.....	20.00
Cooper, F. G.....	64.90	Jones & Son, J. W.....	182.00
Corry, J. D.....	481.90	Josselyn, Geo. S.....	154.24
Coy & Son, C. P.....	1,080.92	Joyce Engraving Co., The Maurice.....	.50
Craig Co., Robert.....	78.50	Kann, Sons & Co., S.....	2.49
Cushman & Co., M.....	206.72	Katzenstein & Co., Otto.....	2.85
Dakota Improved Seed Co.....	1.75	Keenan, R. C.....	678.00
Daly, W. W.....	3.05	Kendall, J. B.....	256.53
Dammann & Co.....	73.93	Killian Co., Geo. P.....	39.00
De Graff Bros. (Limited).....	38.85	Kimbrough, J. D.....	435.00
De La Vergne, N. E.....	5.65	King, John K.....	1.62
Dennison Manufacturing Co.....	146.00	Klaasen Printing Co.....	2.00
Dickinson Co., Albert.....	334.55	Klemgard, J. S.....	6.50
Dickson & Sons (Limited), Alex.....	26.42	Koernicke, Annie I.....	11.55
Dickson, Hugh.....	18.62	Kramer, F. H.....	30.00
Dobbie & Co.....	31.58	Kulage & Zoon, E. H.....	194.00
Dreer (Incorporated), Henry A.....	625.34	Ladd, C. W.....	12.00
Duker Box Co., J. H.....	23.63	Lambie Co. (Incorporated), Jas. B.....	16.30
Dulin & Martin Co.....	14.00	Lansburgh & Bro.....	1.55
Du Perow, M.....	139.22	Lenawee Seed Co.....	477.25
Ebbert Seed Co., The.....	815.75	Leonard Seed Co.....	885.25
Elm City Nursery Co.....	49.00	Le Prevost, W. H.....	132.00
Elwanger & Barry.....	21.30	Logan, William.....	1,763.46
Engelhart, F. C.....	4.50	Loy Hardware Co.....	16.40

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds, \$252,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lyons Beet Sugar Refining Co.....	\$35.75	San Dimas Ciezus Nurseries.....	\$10.00
McGuire, J. J.....	228.31	Schiller, J. R.....	10.50
McLendon Hardware Co.....	4.80	Schmid, Edw. S.....	533.25
Manda, W. A. (Incorporated).....	34.00	Schoo & Co., Rene.....	132.00
Martin, Henri.....	60.00	Schultz, G. Edward.....	1.35
May Hardware Co., F. P.....	34.68	Seller, Clayton A.....	2.00
May & Co., L. L.....	856.97	Sim, William.....	12.00
Meehan & Sons (Incorporated), Thos.....	82.20	Sioux City Seed and Nursery Co.....	7,460.80
Mitchell Co., Henry F.....	7.20	Sloane, W. J. (Incorporated).....	10.50
Miller & Bro., Fred B.....	88.00	Sluis & Groat.....	2,024.79
Minnesota Agricultural Experiment Station.....	15.00	Smith, John W. Macrae.....	47.00
Mitchell & Co., Henry F.....	1.50	Smith Premier Typewriter Co.....	12.70
Monarch Typewriter Co.....	3.35	Somerville Co., Thos.....	518.10
Moon Co., Wm. H.....	9.00	Southern Printers' Supply Co.....	68.00
Morrill & Morley.....	19.50	Spier, Geo. W.....	2.50
Morrison, E. H.....	4,069.39	Steele, Henry.....	168.00
Morris, J. C.....	38.36	Stevens, Edward.....	1.10
Morse & Co., C. C.....	65.25	Sutton & Sons.....	10.08
Munson & Son, T. V.....	76.50	Taber, Geo. L.....	1,512.55
Murphy (Incorporated), E. J.....	8.60	Tavener, Claud.....	51.00
Murphy (Incorporated), Geo.....	3.30	Ten Have, Henry.....	9.00
Murray Bros.....	26.00	Thorburn & Co., J. M.....	872.51
Muth & Co., Geo. F.....	1.95	Topham, James S.....	15.50
National Electric Supply Co.....	367.17	Totty, Chas. H.....	52.41
Nawrath, J. P.....	53.18	Typewriter and Office Supply Co.....	.75
Naylor, G. C.....	12.00	Underwood Typewriter Co.....	82.90
Nebraska Agricultural Experiment Station.....	15.00	Utah-Idaho Sugar Co.....	13.20
Nelson, John.....	14.25	Vander Schoot & Son, R.....	563.90
New England Nurseries (Incorporated).....	44.00	Van Eyck Machine Co.....	28.00
New York Tribune.....	12.00	Van Zanten Bros.....	775.22
Northrup, King & Co.....	2,141.92	Vaughan's Seed Store.....	965.68
Nungesser & Co., Henry.....	770.61	Veitch & Son, James.....	4.80
O'Hanlon Co., Thos.....	497.59	Vick's Sons, James.....	5.50
Olds & Whipple.....	24.00	Vilmorin-Andrieux Co.....	812.79
O'Leary, Lucy A.....	15.00	Walsheter, J. E.....	86.95
Owosso Sugar Co.....	70.00	Walker & Son, John T.....	355.00
Parker, Chas.....	1,185.43	Warden, Henry.....	63.50
Paul & Sons, Wm.....	27.62	Washington Star Newspaper Co.....	5.40
Paxton, Geo. C.....	104.55	Waters, Henry J.....	15.00
Pelon, Robert.....	125.40	Webb & Sons, E.....	4.50
Peterkin, J. A.....	304.50	Wells-Higman Co.....	6.25
Pierpont, J. A.....	6.05	Wells & Co., W.....	55.54
Pierson & Co., F. R.....	380.00	Western Electric Co.....	9.30
Pieters Seed Co., A. J.....	1,214.45	West Michigan Sugar Co.....	8.25
Pittsburgh Plate Glass Co.....	275.93	Western Seed and Irrigation Co.....	732.36
Poat Bros.....	100.00	White, Fred J.....	28.00
Porter Safety Seal Co.....	24.00	Wiegand, Martin.....	62.90
Post-Office Department.....	16.00	Wilcox & Co., F. A.....	553.09
Potomac Electric Power Co.....	5.00	Willet Seed Co., N. L.....	156.55
Price, Thomas.....	9.00	Wood & Sons, T. W.....	409.97
Randolph Paper Box Co.....	227.95	Woolf & Co., C. M.....	46.63
Rau, John C.....	13.05	Yokohama Nursery Co. (Limited).....	88.37
Rawson & Co., W. W.....	7.50	Zangen, O. V.....	50.65
Reasoner Bros.....	1.25		
Register, James R.....	165.81	Total.....	183,201.80
Reilly, Hugh.....	4.00		
Remington Typewriter Co.....	.65	<i>Furniture.</i>	
Rice Seed Co., Jerome B.....	17,158.07	Fairfield Box Factory.....	15.00
Richards, A. S.....	9.75	Lansburgh Furniture and Carpet Co., J.....	136.70
Riely, F. C.....	65.50	Library Bureau.....	44.50
Robbins & Myers Co.....	12.00	Lincoln, Fred S.....	4.40
Robinson, J. C.....	30.00	Moses & Sons, W. B.....	161.30
Robinson Seed Co., J. C.....	2,498.00	Yawman & Erbe.....	377.70
Robinson, O. M.....	142.50		
Roehrs Co., Julius.....	42.00	Total.....	739.60
Rogers Bros.....	900.00		
Rohnert, Waldo.....	921.68	<i>Fuel.</i>	
Roswell Seed Co.....	3.00	Allegheny Co.....	3,265.19
Rontzahn Seed Co.....	239.21	Johnson Bros.....	5.00
Rudolph & West Co.....	89.62		
Salzer Seed Co., John A.....	1.75	Total.....	3,270.19

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds, \$252,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Gas and electricity.</i>	
Atlantic Coast Line.....	\$0.74	Potomac Electric Power Co.....	\$216.51
Baltimore and Ohio R. R. Co.....	118.20	Washington Gas Light Co.....	23.30
Blue Line Transfer Co.....	29.86		
Braslan Seed Growers' Co.....	6.71	Total.....	239.81
Chesapeake and Ohio Ry. Co.....	29.02		
International and Great Northern		<i>Apparatus, instruments, and labora-</i>	
Ry.....	27.00	<i>tory material.</i>	
Knox Express Co., Geo. W.....	584.42	Bausch & Lomb Optical Co.....	6.55
Lake Shore and Michigan Southern		Bowker Insecticide Co.....	10.12
Ry. Co.....	1.20	Draper Manufacturing Co.....	1.20
Littlefield, Alvord & Co.....	21.00	Gilman, Z. D.....	15.29
McNab & Smith.....	.50	Jones & Co., G. W.....	17.40
Michigan Central R. R. Co.....	.62	Leese, M. A.....	167.34
Norfolk and Washington Steamboat		McKee & Co., A. J.....	1.05
Co.....	32	Mackall Bros.....	112.67
Pennsylvania R. R. Co.....	934.46	Mathy Co.....	10.00
Roosa, I. P.....	42.30	Meier Co., Geo.....	8.00
Southern Pacific Co.....	283.12	Primera Photo Specialty Co.....	15.00
Southern Ry. Co.....	366.01	Pullman E. J.....	117.07
Vanderbilt's Express.....	507.00	Sheetz, W. Silas.....	263.33
Washington Southern Ry.....	54.56	Thomas Co., A. H.....	20.07
Total.....	3,004.04	Total.....	765.09
<i>Express.</i>		<i>Travel and station and field expenses.</i>	
Adams Express Co.....	334.35	Conner, A. B.....	261.37
United States Express Co.....	201.73	Evans, M. W.....	454.15
Total.....	536.08	Gauges, Jos. A.....	5.00
<i>Telegraph.</i>		Juenemann, H. E.....	\$22.70
Postal Telegraph-Cable Co.....	33.36	Keller, Chas.....	45.50
Western Union Telegraph Co.....	117.05	McKee, Roland.....	421.33
Total.....	150.41	McLennan, Robt.....	22.98
<i>Telephone.</i>		Morrison, Lisle.....	245.53
Chesapeake and Potomac Telephone		Morse, W. J.....	9.86
Co.....	51.13	Nielsen, H. T.....	480.81
<i>Rent.</i>		Oakley, R. A.....	440.81
Bliss, Alonzo O.....	1,125.00	Piper, C. V.....	564.53
Golden, R. A.....	455.00	Reed, Jos. F.....	923.15
Pochman, William.....	60.00	Saunders, D. A.....	44.25
Total.....	1,640.00	Schmitz, Nicholas.....	748.34
		Tomhave, W. H.....	27.44
		Tracy, J. E. W.....	357.23
		Tracy, W. W., jr.....	143.90
		Tracy, W. W., sr.....	699.03
		Vinall, H. N.....	393.30
		Westgate, J. M.....	198.02
		Total.....	7,309.23
Total amount of appropriation.....			\$252,000.00
Total expenditures under above groups.....			243,690.72
Unexpended balance.....			8,309.28
Repayments to credit of appropriation.....			3.25
Net unexpended balance.....			8,312.53

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds, \$252,000"—Continued.*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate Amount.
Bivens, Lee.....	100 acres of land near Amarillo, Tex., for experimental purposes.	\$1.00
Bliss, Alonzo.....	Rent of office room, 221 Linwood place.....	33.00
Braslan Seed Growers Co.....	Tangier pea and scarlet vetch seed.....	309.00
Bray, N. M.....	Experimental field.....	20.00
Brewer, N. S.....	Growing sweet corn for seed.....	30.00
Brown Bag Filling Machine Co.....	Use of seed-packeting machines.....	143.34
Bryant, F. M.....	Cultivation of cotton for wilt-infested land.....	15.00
Burns, Lewis.....	Growing Twing cotton seed.....	435.00
Clarie Bros.....	Rent of land for seed testing.....	36.00
Cole & Westwood.....	Packeting, assembling, franking, and mailing seed for the congressional seed distribution.	46,793.53
Cooper, F. G.....	Growing and delivering alfalfa seed.....	39.90
Do.....	Lease of land.....	25.00
Foster, C. J. & Co.....	Growing experimental cotton.....	40.00
Golden, R. A.....	Rent of building, 941 F street SW.....	455.00
Gorham, John.....	Growing Crenshaw cotton.....	21.25
Jones Bros. Co.....	Okra seed.....	590.40
Johansen, Victor.....	Vegetable and flower seeds.....	15.00
Johnson, J. M.....	Land for growing watermelons.....	50.00
Klengard, J. S.....	Growing timothy.....	6.50
Kimbrough, J. D.....	Cultivation of cotton.....	435.00
Logan, William.....	Muskmelon seed.....	478.98
McGuire, J. J.....	Growing Dixie wilt-resistant cotton on wilt-infected land.	226.31
Minnesota Agricultural Experiment Station.	Growing sweet corn for seed.....	30.00
Missouri Agricultural Experiment Station.	.....do.....	15.00
Morrison, E. H.....	Vegetable and flower seeds.....	484.00
Morriss, J. C.....	Growing Twing cotton seed.....	18.36
Nebraska Agricultural Experiment Station.	Growing sweet corn for seed.....	15.00
Pieters, A. J. Seed Co.....	Vegetable and flower seeds.....	87.25
Pochmann, W.....	Lease of land for experimental purposes in Texas.....	60.00
Reed, Carrie S.....	Rent of office room, Tariffville, Conn.....	
Register, J. R.....	Growing wilt-resistant cotton.....	34.21
Register, Jas. R.....	Growing Dillon wilt-resistant cotton.....	34.21
Robinson, J. C. Seed Co.....	Growing sweet corn for seed.....	30.00
Robinson, O. M.....	Growing grass seed.....	142.50
Sanders, B. C.....	Premises for laboratory in Pullman, Wash.....	14.40
Smith, John W. Macrae, Bellingham, Wash.	Growing bulbs.....	47.00
Taber, G. L.....	Growing orange trees.....	1,512.55
Utah Agricultural Experiment Station.	Growing sugar beets.....	300.00
Vanderbilt's Express Co.....	Hauling for the Department of Agriculture.....	507.00
Total.....		53,530.69

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (foreign), 1908, \$36,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Fairchild, D. G.	Explorer, at \$2,750	\$2,750.00	\$536.36
Barrett, O. W.	Assistant, at \$2 000	505.55	13.62
Derr, H. B.	Assistant, at \$1 400	816.66	
Young, R. A.	Assistant, at \$1 000	1,000.00	
Goss, Audrey	Assistant, at \$840	105.09	
Wheeler, C. F.	Expert, at \$2 000	1,166.67	
Skeels, H. C.	Expert, at \$1 500	625.00	
Chisolm, Frederick	Expert, at \$1,000	166.67	62.75
Weaver, Elizabeth I.	Clerk, at \$840	70.00	
Millott, Eugene	Clerk, at \$720	60.00	
Hubard, Anna M.	Clerk, at \$50 per month	195.00	
Bergner, Sophie J.	Aid, at \$720	660.00	
Boyle, Henry H.	Gardner, at \$720	514.00	
Olden, John W.	Gardner, at \$600	188.83	
Total		8,823.38	
<i>Out of Washington.</i>			
Benson, W. D.	Special agent, at \$5 per month	60.00	9.00
Dodson, Joe B.	Special agent, at \$100 per month	250.00	
Johnson, Bernard G.	Special agent, at \$0.37½ per hour and \$3 per diem.	363.39	
Allison, John H.	Expert, at \$700	349.98	
De Baum, Claud.	Expert in arboriculture, at \$50 per month	325.00	301.84
Chambliss, Chas. E.	Collaborator, at \$25 per month	87.50	166.47
Nehrling, H.	do.	300.00	
Beach, S. A.	Collaborator, at \$1 per month	11.70	12.90
Total		1,747.57	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (foreign), 1908, \$36,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$44.95	Biltmore Nursery	\$3.20
Ballantyne, R. Carter	101.25	Boliano, F. W.	1.25
Davison & Co., H. C.	43.86	Bosch, John D.	64.60
Lamb & Tilden	3.16	Bovel, John R.	.33
Library Bureau	5.50	Brickell, Mary	7.50
Lincoln, Fred S.	9.60	Briley & Tripp	8.75
Parker, D. Frank	3.39	Brock, F. H.	24.00
Stockett-Fiske Co.	24.05	Buckeye Nurseries	2.50
Stott & Co., Chas. G.	30	Burby, J. W.	3.00
Swayze, W. L.	99.10	Burpee & Co., W. Atlee & Co.	50
Union Envelope Co.	7.90	Cady, Michael	187.50
United States Envelope Co.	18.75	California Nursery Co.	43.30
Yawman & Erbe Manufacturing Co.	39.50	Cannell & Sons, H.	4.46
Total	401.31	Church & Stephenson	121.66
<i>Miscellaneous supplies, etc.</i>		Citizens Lumber Co.	23.00
American Can Co.	125.00	Collins, J. Ross	37.50
Backhouse & Son (Limited), James	11.97	Columbia Phonograph Co.	2.04
Baltes, Freres	21.33	Conner, Jacob E.	2.84
Barber, H. E.	25.00	Cortopassi, Louis	148.15
Barlow, Chandler & Co.	10.16	Dean, C. H.	15.00
Barnett, B. A.	3.00	Dielman, J. C.	1.15
Barwell, J. W.	6.50	Distel, Caroline	78.85
Berekmans Co., P. J.	5.00	Dobbie & Co.	6.20
		Dreer (Incorporated), Henry A.	2.50
		Du Perow, M.	11.44
		Encina Publishing Co.	2.50
		England, W. S.	25.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (foreign), 1908, \$36,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
England, Wm.	\$50.00	Tokyo Plant, Seed, and Implement Co.	\$8.60
Englehart, F. C.	21.00	Topham, James S.	4.50
Espey, J. B.	4.70	Trundle, E. H.	18.00
Fancher Creek Nurseries (Incorporated)	30.00	Typewriter and Office Supply Co.	.75
Flynn & Blount	22.00	Underwood Typewriter Co.	92.80
Folx, F.	8.34	Varga, A.	8.95
Forbes, John	16.16	Vilmorin-Andrieux & Co.	40.40
Francis, A. E.	6.00	Welch, E. S.	17.70
Fresno Vineyard Co.	536.37	Wente, C. H.	61.00
Fritch & Son, Geo. T.	11.00	White, Otis C.	5.20
Gillingham, M. P.	13.89	White, S. K.	12.25
Government Printer	7.50	Woolf & Co., C. M.	19.90
Grayvis, W. Glenn	41.80	Yokohama Nursery Co. (Limited)	40.11
Gundlach-Bundsche Wine Co.	62.15	Total	5,020.24
Haage & Schmidt	4.07	<i>Furniture.</i>	
Hatch, F. E.	10.80	Lansburgh Furniture and Carpet Co., J.	65.65
Hawkeye Nurseries	4.00	Library Bureau	17.75
Hein's Sons, J.	24.39	Moses & Sons, W. B.	21.80
Heiskell & Co., P. H., jr.	4.00	Yawman & Erbe	72.58
Hempstead & Son, O. G.	3.48	Total	177.78
Hills Bros. Co., The	5.00	<i>Freight.</i>	
Hillier Deutsch-Jarratt Co.	37.44	Blue Line Transfer Co.	1.05
Hiser, Daniel	8.00	Fidelity Transfer and Storage Co.	.25
Holm, Theodore	10.00	Knox Express Co., Geo. W.	.75
Ingegnali Fratelli	36.48	Maricopa and Phoenix and S. R. Valley R. Co.	29.55
Italian Vineyard Co.	73.08	Panama Railroad Co.	7.50
Johnson, B. G.	1.00	Pennsylvania R. R. Co.	117.70
Koernicke, Annie I.	1.05	Roosa, I. P.	74.83
Lambie Co. (Incorporated), Jas. B.	1.25	Southern Pacific Co.	8.35
Lawrence, Mary	103.34	Taylor, I. F.	25.00
Lyon, J. H.	37.00	Union Pacific R. R. Co.	17.56
McGrath, J. W.	2.00	Western Steam Navigation Co.	33.83
McKenzie Co. (Limited), A. E.	35.90	White, Richard	28.97
MacMillan Co.	20.75	Total	345.34
Maiden, J. H.	7.91	<i>Express.</i>	
Meehan & Sons (Incorporated), Thos.	13.53	Adams Express Co.	275.57
Millhiser Bag Co. (Incorporated)	19.70	Southern Express Co.	3.75
Mitchell, Jno. M.	50.00	United States Express Co.	167.46
Monarch Typewriter Co.	6.30	Total	446.78
Munson & Son, T. V.	8.00	<i>Telegraph.</i>	
Murphy (Incorporated), E. J.	40.50	Postal Telegraph-Cable Co.	15.64
Muth & Co., Geo. F.	5.85	Western Union Telegraph Co.	48.21
National Phonograph Co.	120.44	Total	63.85
Neal & Bro., Jack W.	4.20	<i>Telephone.</i>	
Pierce, Clark	73.72	Chesapeake and Potomac Telephone Co.	.85
Polman-Mooy	14.60	Eureka Telephone Co.	35.00
Potter, A. L.	12.50	Total	35.85
Ragan, Thomas	140.00	<i>Apparatus, instruments, and laboratory material.</i>	
Reilly, Hugh	38.52	Franklin & Co.	6.30
Reiss & Brady	8.08	Leese, M. A.	129.91
Rudolph & West Co.	26.45	Mackall Bros.	1.80
Ryan, M. J.	11.38	Parke, Davis & Co.	1.20
San Antonio Irrigation Co.	18.75	Pullman, E. J.	17.28
San Antonio Machine and Supply Co.	31.64	Roach & Barnes Co.	6.91
Schmid, Edw. S.	125.30		
Scott, R. A.	85.66		
Secombe, W.	61.23		
Seftel & Son, Stephen	15.10		
Sellers, C. E.	7.60		
Sexton, Jerry	12.00		
Silliman, J. R.	21.50		
Simmons, J. A.	41.20		
Smith Premier Typewriter Co.	.25		
Smoot, L. E.	47.00		
Somerville Co., Thos.	134.56		
Souder, Geo. S.	2.72		
Spath, L.	3.22		
Sprague, R. L.	39.47		
Stechert & Co., G. E.	37.70		
Steckler Seed Co., J.	1.20		
Strader & King	1.25		
Sutherland, F. I.	2.00		
Sutton & Sons	7.48		
Tips Hardware Co.	23.75		
Toeffer, Otto	150.00		
To-Kalon Vineyard Co.	927.20		

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (foreign), 1908, \$36,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Sheetz, W. Silas.....	\$163.03	Derr, H. B.....	\$60.38
Whitson, Estate of Wm. A.....	152.10	Fairchild, David G.....	521.78
Wilson & Toomer Fertilizer Co.....	97.06	Fischer, Walter.....	177.72
Total.....	575.59	Hastings, S. H.....	28.95
<i>Travel and station and field expenses.</i>		Headley, F. B.....	112.53
Baker, Geo. S.....	27.75	Howell, H. H.....	115.50
Barrett, O. W.....	13.62	Jardine, W. M.....	179.30
Beach, S. A.....	12.90	Leidigh, A. H.....	97.24
Bessey, E. A.....	58.32	Magelssen, Wm. C.....	313.30
Carleton, M. A.....	312.64	Mason, Silas C.....	488.49
Chambliss, Chas. E.....	112.99	Meyer, F. N.....	5.10
Chisolm, Frederic.....	62.75	Tracy, S. M.....	97.95
		Tracy, W. W., jr.....	40.50
		Warburton, C. W.....	55.90
		Total.....	2,895.61

Total amount of appropriation.....	\$36,000.00
Total expenditures under above groups.....	\$20,533.30
Advance to N. E. Hansen, temporary special disbursing agent.....	750.00
Advance to W. D. Hills, temporary special disbursing agent.....	1,450.00
Advance to A. Mayer, temporary special disbursing agent.....	6,349.10
Advance to F. N. Meyer, temporary special disbursing agent.....	3,965.04
Unexpended balance.....	33,047.44
	2,952.56

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Purchase and distribution of valuable seeds (foreign), 1908, \$36,000."*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Bosch, J. D.....	Cultivating varieties of grapes introduced from foreign countries.	\$64.60
Cortopassi, Louis.....	do.....	148.15
Distel, Carolina.....	do.....	78.85
Fresno Vineyard Co.....	do.....	450.00
Gundlach-Bundschu.....	do.....	62.15
Italian Vineyard Co.....	do.....	73.08
Lawrence, Mary.....	do.....	103.34
Mitchell, J. M.....	Growing artichokes.....	50.00
San Joaquin Valley Realty Co.....	Cultivating varieties of grapes introduced from foreign countries.	75.00
To-Kalon Vineyard Co.....	do.....	927.20
Wente, C. H.....	do.....	61.00
Total.....		2,093.37

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cook, O. F.....	Bionomist, at \$2,750.....	\$1,489.58	
Kearney, T. H.....	Physiologist, at \$2,250.....	187.50	
Orton, W. A.....	Pathologist, at \$2,250.....	1,406.25	
Goodrich, C. L.....	Expert, at \$2,000.....	1,000.00	\$510.17
Shoemaker, D. N.....	Expert, at \$1,800.....	1,800.00	395.56
Doyle, C. B.....	Expert, at \$100 per month.....	650.00	
Pittier, H.....	Agent, at \$2,250.....	375.00	
Boykin, E. B.....	Agent, at \$1,400.....	1,400.00	796.16
McLachlan, Argyle.....	Special agent, at \$1,200.....	100.00	293.95
Goll, George P.....	Special agent, at \$100 per month.....	370.00	
Crosby, M. A.....	Assistant agriculturist, at \$1,400.....	1,400.00	1,303.96
Brodie, D. A.....	Assistant, at \$2,000.....	2,000.00	959.61
Collins, G. N.....	do.....	106.67	
Lewton, F. L.....	Assistant, at \$1,600 and \$2,000.....	1,400.00	
Cates, J. S.....	Assistant, at \$1,500.....	1,500.00	1,017.23
Benton, Harmon.....	Assistant, at \$1,400.....	291.66	265.87
Gilbert, W. W.....	Assistant, at \$1,200.....	1,000.00	
Allard, H. A.....	Assistant, at \$960.....	932.00	519.61
Ames, Adeline.....	Aid, at \$1,200.....	300.00	
Barber, H. W.....	Clerk, at \$1,200.....	463.33	
Zapoleon, Louis B.....	Clerk, at \$1,000.....	166.67	
Smith, J. Dudley.....	Clerk, at \$900.....	37.50	
Holland, J. D.....	Clerk, at \$840.....	254.33	
Hardenstein, F. P.....	Clerk, at \$720.....	342.00	
Vansant, Elsie.....	do.....	282.00	
Snyder, Evva.....	Clerk, at \$600.....	250.00	
Crampton, Mamie G.....	Clerk, at \$75 per month.....	447.50	
McQueen, Lillian.....	Clerk, at \$75 per month and \$660.....	265.00	
Winningham, Allie M.....	Clerk, at \$75 per month.....	115.00	
Beecher, K. L.....	Clerk, at \$50 per month.....	48.33	
Bocock, Belle.....	do.....	50.00	
Burch, Isabel.....	do.....	163.33	
Long, B. H.....	do.....	50.00	
McMillan, Lillian.....	do.....	50.00	
Massie, Mattie L.....	do.....	145.00	
Naylor, Fanny L.....	do.....	48.34	
Ourland, Myra E.....	Clerk, stenographer, and typewriter, at \$660.....	53.17	
Mullican, Eugenia.....	Clerk, stenographer, and typewriter, at \$55 per month.....	231.00	
Prender, Goodin.....	Clerk and typewriter, at \$50 per month.....	190.00	
Rose, L. B.....	Typewriter, at \$720 and \$900.....	149.50	
Humphries, Walter R.....	Draftsman, at \$900.....	107.50	
Conner, Jas. B.....	Cabinetmaker, at \$3.50 per diem.....	136.50	
Doyle, Ida L.....	Messenger at \$840.....	665.00	
Lingle, Albert F.....	Messenger, at \$480.....	130.67	
Galleher, U. H.....	Laborer, at \$50 per month.....	175.00	
Haley, H. I.....	do.....	50.00	
Lewton, G. W.....	do.....	50.00	
Brown, Martha A.....	Laborer, at \$35 per month.....	35.00	
Schmidt, Lassalle.....	do.....	35.00	
Fleming, Mattie M.....	Unskilled laborer, at \$40 per month.....	21.34	
Total.....		22,976.67	
<i>Out of Washington.</i>			
Knapp, S. A.....	Special agent, at \$250 per month.....	3,000.00	846.32
Bain, S. M.....	Special agent, at \$200 per month, and collaborator, at \$1 per month.....	1,206.00	239.48
Bennett, R. L.....	Special agent, at \$2,000.....	2,000.00	859.56
Tracy, S. M.....	do.....	2,000.00	1,074.14
Evans, James A.....	Special agent, at \$150 per month, and \$2,000.....	1,782.77	648.10
Saunders, D. A.....	Special agent, at \$1,800.....	1,800.00	769.90
Youngblood, Bonney.....	do.....	1,340.00	884.66
Kinsler, J. H.....	Special agent, at \$125 per month.....	1,375.00	
Procter, Wm. F.....	Special agent, at \$125 and \$150 per month.....	1,724.17	785.90
Alsop, S. B.....	Special agent, at \$100 per month.....	1,200.00	6.10
Bentley, W. D.....	Special agent, at \$100 and \$125 per month.....	1,425.00	792.45
Caldwell, D. R.....	Special agent, at \$100 per month.....	1,200.00	566.10
Gentry, E.....	do.....	333.33	180.10

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Perrin, L. E.	Special agent, at \$100 per month.....	\$1,200.00	\$902.20
Quicksall, J. L.	Special agent, at \$100 and \$125 per month.....	1,425.00	653.85
Smith, E. W.	Special agent, at \$100 per month.....	1,200.00	.....
Swaty, A. V.	do.....	1,086.67	433.35
Wemple, J. E.	do.....	1,200.00	565.45
Peterson, Fred O.	Special agent, at \$85 and \$80 per month.....	481.67	.....
Apple, Wm. J.	Special agent, at \$80 per month.....	960.00	372.60
Barnett, J. C.	Special agent, at \$80 per month and \$1,200.....	804.00	508.36
Campbell, W. W.	Special agent, at \$80 per month.....	960.00	601.88
Featherston, L. H.	do.....	320.00	114.25
McKnight, H. L.	do.....	320.00	310.41
Moore, James J.	do.....	960.00	888.82
Swaty, David R.	do.....	920.00	487.46
Watkins, W. J.	do.....	240.00	148.90
Walker, J. M.	Special agent, at \$3 per diem.....	12.00	20.31
Beck, Harry.	Special agent, at \$75 per month.....	415.00	12.15
Bryson, W. L.	do.....	375.00	8.55
Cowdin, E. P.	do.....	225.00	4.80
Franklin, C. P.	do.....	375.00	.....
Gregory, J. H.	do.....	300.00	9.55
Henderson, J. A.	do.....	367.50	7.95
Kinnebrew, Irene.	do.....	675.00	62.35
Lanier, I. H.	do.....	375.00	16.25
Marks, T. M.	do.....	375.00	.....
Razall, Justin J.	do.....	247.50	.....
Smith, Geo. T.	do.....	412.50	11.20
Snowden, M.	do.....	340.00	18.50
Swan, H. C.	do.....	277.50	14.10
Vandiver, M. H.	do.....	300.00	3.15
Wilkins, P. P.	do.....	375.00	8.00
Winfrey, Geo. H.	do.....	375.00	11.70
Boyce, C. W.	Special agent, at \$60 per month.....	140.00	89.65
Jordan, B. T.	do.....	160.00	58.85
Easterbrook, Henry.	Special agent, at \$700.....	700.00	.....
Stallings, W. C.	Special agent, at \$50 per month.....	200.00	.....
Kinsler, J. Davis.	Special agent, at \$45 per month.....	112.50	.....
Clayton, W. D.	Special agent, at \$40 per month.....	21.33	.....
Williamson, W. L.	Special agent, at \$350.....	39.16	.....
Duggar, J. F.	Special agent, at \$25 per month.....	360.00	.....
Peeler, Tom L.	do.....	75.00	.....
Lloyd, E. R.	Special agent, at \$10 per month.....	120.00	.....
Richardson, Fredk. E.	Special agent, at \$100 per annum.....	100.00	.....
Stewart, S. M.	do.....	100.00	.....
McNair, Albert D.	Expert, at \$2,000.....	1,083.33	.....
Headley, F. B.	Scientific assistant, at \$1,500.....	1,500.00	545.81
Miles, Geo. F.	Scientific assistant, at \$1,400.....	583.34	.....
Cox, H. R.	Scientific assistant, at \$1,200.....	200.00	.....
Naegle, Christina L.	Assistant, at \$25 per month.....	150.00	.....
Peterson, W. A.	Farm superintendent, at \$1,200 and \$1,400.....	402.23	.....
Hastings, S. H.	Agent, at \$60 per month, and farm superintendent, at \$1,200.....	1,140.00	247.94
Meade, Roland M.	Field agent, at \$40 and \$50 per month.....	315.00	.....
McLaughlin, F. M.	Clerk, stenographer, and typewriter, at \$100 per month.....	1,200.00	51.60
Boss, Ralph M.	Clerk, stenographer, and typewriter, at \$840.....	700.00	14.75
Moore, Maude S.	Clerk, stenographer, and typewriter, at \$40 per month.....	112.00	.....
Duncan, L. N.	Collaborator, at \$25 per month.....	225.00	127.59
Howell, William M.	do.....	50.00	.....
Thibodeaux, C. N.	Collaborator, at \$15 per month.....	30.00	.....
Culver, J. J.	Collaborator, at \$10 per month.....	20.00	.....
Barrow, D. N.	Collaborator, at \$1 per annum, and special agent, at \$200 per month.....	1,800.25	287.77
Hunter, A. J.	Collaborator, at \$1 per annum, and special agent, at \$75 per month.....	150.12	.....
Abernethy, M. A.	Collaborator, at \$1 per annum.....	.57	.....
Abrams, H. H.	do.....	.53	.....
Allen, Ira G.	do.....	.28	.....
Arthur, L. C.	do.....	.28	.....

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ash, W. H.	Collaborator, at \$1 per annum.	\$0.88	
Bagley, E. G.	do.	.47	
Bamberge, Wm. M.	do.	.30	
Banzhaf, George.	do.	.41	\$15.85
Bishop, E. A.	do.	1.00	
Booker, J. A.	do.	.41	
Broom, S. J. W.	do.	.52	
Brown, J. B.	do.	.37	
Campbell, J. P.	do.	.16	
Campbell, R. H.	do.	.41	
Campbell, T. M.	do.	1.00	
Carter, J. L.	do.	.41	
Chappell, L. C.	do.	.61	
Chisolm, E. N.	do.	.33	
Clark, C. E.	do.	.58	
Conway, Wm. H.	do.	.60	
Cornelius, W. O.	do.	.60	
Cown, S. M.	do.	.57	
Coxwell, H. J.	do.	.61	
Criss, Wm. M.	do.	.48	
Crouse, R. W.	do.	.75	
Cunningham, T. J.	do.	.54	
Davis, G. M.	do.	.66	
Day, J. C.	do.	.29	
De Laussure, D. L.	do.	.33	
Dotson, Burkett G.	do.	.29	
Downing, W. H.	do.	.29	
Early, T. A.	do.	.37	
Egan, Philip K.	do.	.25	4.98
Elliott, W. R.	do.	.61	
Farrar, F. S.	do.	.75	
Gentry, Elbert.	do.	.72	
Gilliam, J. J.	do.	.75	
Glassell, Wm. E.	do.	1.00	
Goolsby, C. T.	do.	.63	
Hall, J. S.	do.	.50	
Hamilton, J. W.	do.	.61	
Hane, W. C.	do.	.33	
Harris, G. L.	do.	.58	
Hardy, J. A.	do.	.16	
Hays, W. H.	do.	.50	
Henry, D. H.	do.	.41	
House, W. S.	do.	.61	
Hudson, C. R.	do.	1.00	
Hunt, Homer E.	do.	.25	
Ingram, I. S.	do.	.33	
Jenkins, J. W.	do.	.61	
Kennedy, I. L.	do.	.61	
Kent, A. J.	do.	.58	
Kile, J. M.	do.	.58	
Kinnebrew, Irene.	do.	.25	
Knapp, S. A.	do.	.73	176.69
Knight, Wm. H.	do.	.41	
Lemon, R.D.	do.	.16	
Litaker, A. H.	do.	.50	
Lundy, Wm. B.	do.	.33	
McArtan, C.	do.	.29	
Meharg, A. S.	do.	1.00	
Millsop, E. S.	do.	.26	
Mims, E.	do.	.41	
Moss, B. L.	do.	.25	
Norfleet, B. T.	do.	.75	
Oliver, G. E.	do.	.41	
Oliver, J. T.	do.	.41	
Phelps, J. C.	do.	1.00	
Pierce, J. B.	do.	1.00	
Rhodes, Patrick H.	do.	.45	
Rothrock, J. W.	do.	.61	
Sandy, T. O.	do.	1.00	

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Savelly, H. E.	Collaborator, at \$1 per annum	\$1.00	
Sedivy, Geo.	do	.37	
Shaw, L. F.	do	.60	
Shealy, F. W.	do	.29	
Shull, A. D.	do	.33	
Simmons, F.	do	.61	
Smith, W. H.	do	.63	
Stansel, J. E.	do	.41	
Stiles, J. R.	do	1.00	\$72.78
Stokes, H. B.	do	.41	
Strout, A. C.	do	.54	
Sullivan, J. D.	do	.26	
Sullivan, R. B.	do	.61	
Summers, J. A.	do	.33	
Tate, H. D.	do	1.00	
Tinsley, J. B.	do	.54	
Waldrop, Chas. S.	do	.37	
Warren, R. R.	do	.28	
Watson, Geo. A.	do	.61	
Watt, J. T.	do	.61	
Westbrook, John, sr	do	.61	
Willis, J. W.	do	1.00	
Wilson, R. Samuel	do	1.00	
Franklin, Chas. L.	Laborer, at \$40 per month	58.67	1.80
Hamilton, Alexander.	Laborer, at \$30 per month	90.00	
Wells, Willie.	Laborer, at \$5 per month	30.00	
Price, W. A.	Laborer, at \$2 per diem	264.00	
Childers, G. W.	Unskilled laborer, at \$45 per month	540.00	
Work, Herman.	do	103.50	
Anders, A. T.	Unskilled laborer, at \$40 per month	480.00	261.68
Kempton, James.	Unskilled laborer, at \$35 per month	210.00	
Guerrero, Joe.	Unskilled laborer, at \$32 per month	384.00	
Guerrero, Felipe.	Unskilled laborer, at \$30 per month	360.00	
Toler, J. I.	Unskilled laborer, at \$2.50 per diem	525.63	
McCord, J. N.	Unskilled laborer, at \$2.25 per diem	72.00	
Hollingshead, Nelson.	Unskilled laborer, at \$2 per diem.	71.00	
Riley, J. M.	do	6.00	
Smith, John F.	Unskilled laborer, at \$1.25 per diem and \$30 per month.	243.13	
Total		53,494.70	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
American Lead Pencil Co.	\$17.18	Swayze, W. L.	\$70.54
Andrews Paper Co., R. P.	112.36	United States Envelope Co.	200.00
Ballantyne, R. Carter	163.16	United States Paper Goods Co.	138.45
Baumgarten Co., Herman	.98	Yawman & Erbe Manufacturing Co.	7.20
Bliss, Albrecht & Co., (Incorporated).	24.60	Total	1,054.72
Brentano's	5.40		
Conover & Co., C. M.	2.40		
Cook, M. S.	2.50		
Harrop Stationery and Book Store.	5.10		
Jones Printing Co., (Limited)	124.25		
Lamb & Tilden	10.51		
Lincoln, Fred S.	44.40		
Morrison Paper Co., E.	42.04		
Parker, D. Frank.	80.15		
Stott & Co., Chas. G.	3.50		
		<i>Miscellaneous supplies, etc.</i>	
		Alamo Iron Works	8.40
		Allen, C. E.	3.00
		American Multigraph Sales Co.	318.66
		Anderson, J. M.	100.00
		Ardmore Commercial Club	156.90

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Augusta Cotton Exchange and Board of Trade.....	\$23.55	Hillyer-Deutsch-Jarratt Co.....	\$7.90
Avard, Sam.....	3.00	Hunt, A. A.....	47.00
Ballantyne & Sons, Wm.....	12.75	Jackson, James.....	2.50
Barber & Ross.....	1.25	Jefferies, W. L.....	50.00
Barry, R. H.....	100.00	Johnson & Son, C. L.....	7.25
Bartholomew, Elam.....	15.00	Joyce Engraving Co., The Maurice.....	.50
Bean & Son, O. W.....	70.20	Keenan, R. C.....	59.68
Beaty & French.....	128.90	Kellogg Switchboard Supply Co.....	25.50
Bolgiano, F. W.....	27.15	Killian Co., Geo. P.....	5.25
Braselton, Henry.....	2.00	Kimbrough, J. D.....	158.50
Brentano's.....	25.18	King, J. D.....	.90
Brown, Marcus L.....	5.50	Kirbey, Clement R.....	16.09
Brownsville Grain Co.....	106.42	Kowalski, Louis.....	12.96
Burns, Louis.....	102.50	Laas, Ernest.....	100.00
Chairs, Dr. J. T.....	10.12	Lake Charles Press.....	82.00
Chillicothe Lumber Co.....	20.45	Lambie Co. (Incorporated), James B.....	4.78
Church & Stephenson.....	69.34	Lansburgh & Bro.....	54.64
Clarke, O. W.....	100.00	Lea, L. L.....	48.75
Cloyd, W. B.....	2.00	McFadden, W. N.....	50.00
Collins-Gunther Co.....	2.50	McGehee, C. G.....	11.25
Colorado Valley Pumping and Irriga- ting Co.....	7.60	McKay Seed Co.....	81.00
Cook, John.....	130.00	McLendon Hardware Co.....	19.35
Cook, J. R.....	.40	Mebane, A. D.....	142.65
Cook, W. A.....	.40	Millhiser Bag Co. (Incorporated).....	34.28
Corley, W. S.....	.50	Minnix Co. (Incorporated), N. M.....	5.50
Cornwell & Son, G. G.....	4.50	Mohan, J.....	39.42
Crabtree, J. L.....	13.50	Monarch Typewriter Co.....	82.00
Crenshaw, D. M.....	103.05	Morris, Ida.....	22.60
Crow, Andrew.....	14.40	Mueller Manufacturing Co., H.....	63.00
Culpepper, J. E.....	1.00	Munford, Wm.....	100.00
Dayton Fruit Tree Label Co.....	10.00	Murphy Co. (Incorporated), E. J.....	15.83
Dean, C. H.....	12.50	Muth & Co., Geo. F.....	3.70
Demoss, W. H.....	16.66	National Electric Supply Co.....	5.76
Dennison Manufacturing Co.....	31.85	National Nurseryman Publishing Co. (Incorporated).....	1.00
Dielman, J. C.....	3.35	Neal & Bro., Jack W.....	18.85
Dixon-Hanson Co.....	16.50	Nungesser & Co., Henry.....	150.00
Drake, L. H.....	5.60	Ohio and Texas Sugar Co.....	13.05
Dulin & Martin.....	.25	Parker, Arthur.....	72.00
Duncan, L. N.....	15.00	People's Ice and Manufacturing Co.....	5.05
Early, Thos. A.....	24.00	Perritt, A. J. A.....	5.00
Edzards, H. U.....	131.91	Peters, E. S.....	19.00
Elliott Co.....	455.33	Pipkin, James A., jr.....	30.04
Elliott, John G.....	16.00	Powers, J. T.....	50.00
Entomological News.....	1.00	Pringle, E. E.....	19.50
Espey, J. B.....	1.95	Pumphrey, N. E.....	59.40
Ewing, E. M.....	4.00	Randolph Paper Box Co.....	15.00
Farmers' Alliance Cooperative Asso- ciation.....	23.00	Rasch, W. E.....	15.00
Ferrell & Co., A. T.....	54.36	Ratterree, W. J.....	1.50
Field Com. Co., H. M.....	10.10	Rau, John C.....	22.05
Fletcher, John C.....	79.37	Reilly, Hugh.....	6.50
Florida Publishing Co.....	1.00	Remington Typewriter Co.....	377.25
Ford, W. T.....	162.95	Robinson, T. P.....	54.00
Forker & Co., C. A.....	3.90	Rogers, E. M.....	184.26
Foster & Co., C. J.....	98.87	Rotan Grocery Co.....	4.80
Freeman & Sons, J. M.....	10.00	Ruble, Chas. A.....	1.50
Fritz, D. C.....	3.00	Rudolph & West Co.....	2.56
Galveston Cotton Exchange and Board of Trade.....	25.00	San Antonio Irrigation Co.....	6.25
Garland, W. R.....	6.00	San Antonio Machine and Supply Co.....	32.40
Geyser Ice Co.....	4.50	San Antonio Sheet Metal Works.....	11.50
Glassell, John.....	184.80	San Antonio Tent and Awning Co.....	5.25
Gorham, John.....	75.71	Sanders, M. L.....	35.50
Gorham, Wm. H.....	42.95	Scherer & Co., John C., jr.....	97.00
Griffith, D. J.....	9.00	Scott, A. J.....	3.00
Gulf Refining Co.....	19.89	Scott & Neal.....	53.25
Haines, Jones & Cadbury Co.....	123.75	Scott, R. A.....	18.03
Hancock, J. H.....	15.80	Scruggs, T. C.....	12.85
Hanna Bros.....	4.12	Sefel & Son, Stephen.....	26.15
Hansen, Martin.....	100.64	Shedd & Bro. Co., S. S.....	9.00
Hastings & Co., H. G.....	2.00	Sheldon Bros.....	17.50
Heiskell & Co., P. H., jr.....	3.16	Shine, J. A.....	.50
Higgins, J. H.....	6.60	Shive, T. H.....	118.40
Hill-Kellner-Frost Co.....	11.75	Smith Bros.....	2.50
		Smith, H. L.....	100.00
		Smith, Sidney P.....	240.00
		Somerville Co., Thos.....	186.77

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Telephone.</i>	
South Carolina penitentiary.....	\$40.80	Eureka Telephone Co.....	\$25.00
Staake Bros.....	10.00	Southwestern Telephone and Tele- graph Co.....	46.70
Stackler Seed Co., J.....	1.50	Texas Telephone Co.....	22.00
Strader & King.....	22.25	Total.....	93.70
Stubbs, Guy P.....	86.40		
Templeton, J. H.....	124.50	<i>Rent.</i>	
Texas Seed Breeding Farms.....	3.75	Burroughs, A. W.....	25.00
Texas Seed and Floral Co.....	5.35	Halbert, O. I.....	192.00
Thorburn & Co., J. M.....	8.00	McAn, J. F.....	192.00
Tinsley, J. D.....	69.15	Smith, F. M.....	38.00
Tips Hardware Co.....	125.62	Von Phul, V. A., & Gordon, S. W.....	150.00
Toole, W. W.....	223.45	Total.....	597.00
Topham, James S.....	10.00		
Underwood, C. W.....	82.57	<i>Gas and electricity.</i>	
Underwood Typewriter Co.....	165.00	Waco Gas Co.....	54.00
Varga, A.....	25.85		
Waco Machinery and Supply Co.....	9.50	<i>Apparatus, instruments, and labora- tory material.</i>	
Weraple, J. R.....	15.00	Bausch & Lomb Optical Co.....	164.79
Whyte, Warren M.....	.25	Columbia Photo Supply Co.....	12.50
Wicker, H. T.....	26.00	Eastman Kodak Co.....	12.55
Willet Seed Co., N. L.....	23.38	Finer & Amend.....	3.60
Winfrey & Co., J. W.....	16.50	Friez, Julian P.....	8.75
Winsor, Walter.....	1.50	Gaertner, Wm.....	12.00
Winter Co. (Limited), H. A.....	38.26	Gilman, Z. D.....	4.00
Woodall, W. W.....	2.00	Greiner Co., The Emil.....	33.90
Woods, S. A.....	55.60	Lawson & Co., W. C.....	28.00
Woodward & Lothrop.....	10.75	Leese, M. A.....	24.85
Woulfe & Co.....	11.90	Mackall Bros.....	55.25
Total.....	8,196.77	Matthewson Drug Co.....	64.00
		Muenecke, Rob.....	29.40
<i>Furniture.</i>		Multi-Speed Shutter Co.....	27.50
Conover & Co., C. M.....	7.45	Fullman, E. J.....	516.05
Hoeko, W. H.....	251.20	Roach & Barnes Co.....	4.45
Lansburgh Furniture and Carpet Co., J.....	36.02	Royster Guano Co., F. S.....	74.30
Library Bureau.....	44.70	Schneider Bros.....	1.50
Lincoln, Fred S.....	346.40	Sheetz, W. Silas.....	32.29
Moses & Sons, W. B.....	123.70	Spencer Lens Co.....	3.71
Rodgers, J. W.....	145.80	Stoelting Co., C. H.....	6.62
Williamson Bros. & Co.....	21.60	Thomas Co., A. H.....	108.46
Woodward & Lothrop.....	280.72	Wagner Photo Co., H. G.....	4.00
Yawman & Erbe.....	215.97	Woulfe & Co.....	4.25
Total.....	1,473.56	Total.....	1,236.72
<i>Freight.</i>		<i>Travel and station and field expenses.</i>	
Atlantic Coast Line.....	2.69	Allard, H. A.....	261.45
Blue Line Transfer Co.....	1.80	Allen, C. E.....	4.55
Gainesville Midland Ry.....	3.41	Alsop, S. B.....	6.10
Houston and Texas Central R. R. Co.....	2.32	Anders, A. T.....	261.68
Knox Express Co., The Geo. W.....	26.31	Apple, W. J.....	123.79
Pennsylvania Railroad Co.....	79.84	Bain, S. M.....	239.48
Southern Railway Co.....	12.32	Ballard, John.....	18.35
Washington Southern Ry.....	3.93	Bamberge, Wm. M.....	196.18
Total.....	132.62	Banzhof, Geo.....	15.85
		Barnett, J. C.....	189.55
<i>Express.</i>		Barrow, D. N.....	227.92
Adams Express Co.....	166.23	Bean, M. G.....	10.00
United States Express Co.....	27.42	Beck, Harry.....	12.15
Wells, Fargo Express Co.....	3.90	Bennett, R. L.....	859.56
Total.....	197.55	Benton, Harmon.....	265.87
		Bentley, W. D.....	283.83
<i>Telegraph.</i>		Boykin, E. B.....	796.16
Postal Telegraph-Cable Co.....	3.92	Brodie, D. A.....	674.41
Western Union Telegraph Co.....	66.49	Bryson, W. L.....	8.55
Total.....	70.41	Caldwell, Daniel R.....	123.81
		Campbell, W. W.....	258.57

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Cates, I. S. ....	\$134.20	Moss, B. L. ....	\$215.11
Conner, A. B. ....	90.90	Myers, D. C. ....	9.60
Cook, O. F. ....	198.23	Nielsen, H. T. ....	109.59
Crosby, M. A. ....	982.94	Orms, G. W. ....	20.90
Davidson, R. C. ....	201.10	Orton, W. A. ....	234.05
Dellinger, J. F. ....	11.98	Perrin, L. E. ....	297.70
Doyle, Conrad B. ....	326.90	Procter, W. F. ....	249.70
Duncan, L. N. ....	127.59	Pruitt, Geo. H. ....	5.95
Egan, Phillip K. ....	4.98	Quicksall, J. L. ....	249.30
Evans, J. A. ....	196.67	Raines, Jas. M. ....	8.30
Franklin, C. P. ....	15.60	Robert, S. A. ....	12.20
Gilbert, W. W. ....	148.89	Saunders, D. A. ....	707.77
Glover, R. W. ....	6.84	Scott, A. J. ....	3.00
Goodrich, C. L. ....	510.17	Shamel, A. D. ....	224.76
Green, Edgar. ....	6.25	Shoemaker, D. N. ....	395.56
Green, E. C. ....	5.21	Smith, Ed. W. ....	98.85
Gregory, J. H. ....	9.55	Smith, Geo. T. ....	11.20
Hastings, S. H. ....	218.99	Snowden, Mason. ....	18.50
Headlev, F. B. ....	133.35	Spillman, W. J. ....	295.45
Henderson, J. A. ....	7.95	Stallings, W. C. ....	7.80
Huffman, L. J. ....	16.15	Stiles, J. R. ....	72.78
Jordan, B. T. ....	58.85	Sutton, G. R. ....	8.30
Kinsler, J. H. ....	1,308.48	Swann, H. C. ....	14.10
Knapp, S. Arthur. ....	18.95	Swaty, A. V. ....	246.70
Knapp, Seaman A. ....	444.95	Swaty, David R. ....	178.27
Kuykendall, M. L. ....	9.70	Tom, J. H. ....	15.85
Lanier, I. H. ....	16.25	Tracy, S. M. ....	976.19
Lewton, F. L. ....	549.65	Vandiver, M. H. ....	3.15
McClelland, C. K. ....	102.04	Walker, J. M. ....	20.31
McLachlan, Argyle. ....	266.90	Webber, H. J. ....	26.17
McNair, A. D. ....	594.93	Wemple, J. E. ....	153.05
McWilliams, John T. ....	6.75	Wilkins, P. P. ....	8.00
Meade, Roland M. ....	332.35	Winfrey, G. H. ....	11.70
Meloy, Guy S. ....	352.50	Youngblood, Bonney. ....	778.56
Miles, Geo. F. ....	487.38		
Moore, J. J. ....	285.99	Total. ....	18,716.34

Total amount of above appropriation. ....	\$110,000.00
Total expenditures under above groups. ....	108,294.76
Unexpended balance. ....	1,705.24
Repayment to credit of appropriation. ....	10.00
Net unexpended balance. ....	1,715.24

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Anderson, J. M. ....	Land for a diversification farm. ....	\$100.00
Burns, Louis. ....	Growing experimental cotton. ....	100.00
Burroughs, W. A. ....	Land for experimental purposes. ....	25.00
Clark, O. W. ....	Land for a diversification farm. ....	100.00
Cox, E. T. ....	do. ....	100.00
Crenshaw, D. M. ....	Growing experimental cotton. ....	75.00
Demoss, W. H. ....	Land for a diversification farm. ....	100.00
Edwards, H. W. ....	Growing experimental cotton. ....	131.91
Fletcher, J. C. ....	do. ....	79.37
Foster, C. J. & Co. ....	do. ....	80.00
Halbert, O. I. ....	Office and laboratory at Waco, Tex. ....	192.00
Haynes, E. M. ....	Land for a diversification farm. ....	100.00
Jeffries, W. L. ....	Growing experimental cotton. ....	50.00
Keagley, W. S. ....	Land for a diversification farm. ....	100.00
Keenan, R. C. ....	Growing experimental cotton. ....	179.68
Kimbrough, J. D. ....	Growing Triumph cotton. ....	112.50
Laas, Ernest. ....	Land for a diversification farm. ....	100.00

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1908, \$110,000"—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
McCan, J. F.....	Office and laboratory.....	\$192.00
McFadden, W. N.....	Growing experimental cotton.....	50.00
Mebane, A. D.....	do.....	75.65
Peters, E. S.....	do.....	10.00
Do.....	do.....	9.00
Pipkin, J. A., jr.....	do.....	25.00
Do.....	do.....	50.00
Powers, J. T.....	do.....	50.00
Robinson, T. P.....	do.....	184.26
Rogers, E. M.....	do.....	25.00
San Antonio Irrigation Co.....	Furnishing water supply for San Antonio experiment farm.	100.00
Smith, H. L.....	Land for a diversification farm.....	100.00
Sorrell, A. S.....	do.....	100.00
Stewart, S. M.....	do.....	100.00
Thibodeaux, Gilbert.....	do.....	100.00
Varn, W. L.....	do.....	100.00
Von Phul, F. A.....	Office rooms at Lake Charles, La.....	180.00
Woods, S. A.....	Growing experimental cotton.....	55.60
Total.....		3,131.97

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1907-8, \$35,632.42."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Evans, James A.....	Special agent, at \$2,000.....	\$166.67	
Bamberge, Wm. M.....	Special agent, at \$125 per month.....	1,041.67	\$465.06
Plunkett, Tom O.....	do.....	a 1,625.00	37.35
McKnight, H. L.....	Special agent, at \$110 and \$125 per month.....	895.00	
Allen, C. E.....	Special agent, at \$100 and \$110 per month.....	a 1,380.00	24.95
Cowdin, Eugene P.....	Special agent, at \$100 per month.....	900.00	
Huffman, Logan J.....	Special agent, at \$100 and \$110 per month.....	a 1,380.00	36.70
Stallings, W. C.....	Special agent, at \$100 per month.....	800.00	16.65
Davidson, Robert O.....	Special agent, at \$80 per month.....	a 1,040.00	789.39
Moss, B. L.....	Special agent, at \$80 per month and \$1,200.....	702.67	394.01
Orms, G. W.....	Special agent, at \$80 and \$120 per month.....	a 1,237.33	75.89
Pruitt, Geo. H.....	Special agent, at \$80 and \$125 per month.....	a 1,400.00	341.05
Sutton, G. R.....	Special agent, at \$80 and \$100 per month.....	a 1,200.00	174.00
Terrell, Thomas E.....	Special agent, at \$80 and \$110 per month.....	a 1,280.00	104.45
Utts, Albert J.....	Special agent, at \$80 per month.....	a 440.00	293.06
Alford, G. H.....	Special agent, at \$75 per month.....	332.50	
Anderson, J. C.....	do.....	75.00	
Ballard, John.....	do.....	375.00	18.35
Bean, M. G.....	do.....	375.00	10.00
Black, J. H.....	do.....	375.00	9.18
Cook, C. M.....	do.....	377.50	9.89
Dellinger, J. E.....	do.....	375.00	11.98
Glover, R. W.....	do.....	300.00	6.84
Green, Edgar.....	do.....	427.50	6.25
Huffman, M. E.....	do.....	375.00	13.30
Kimbell, W. E.....	do.....	367.50	
Kuykendall, M. L.....	do.....	375.00	9.70
Murphy, J. C.....	do.....	387.50	9.55
Myers, D. C.....	do.....	375.00	9.60
Owens, L. D.....	do.....	375.00	11.90
Raines, J. M.....	do.....	377.50	8.30
Risher, G. F.....	do.....	375.00	5.60

a Includes payment of salary for June, 1907

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1907-8, \$35,632.42"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Robert, S. A.	Special agent, at \$75 per month	\$412.50	\$12.20
Scott, A. J.	do.	375.00	3.00
Smith, George T.	do.	112.50	
Tom, J. H.	do.	450.00	15.85
Gigleux, E. J.	Special agent, at \$60 per month	\$270.00	437.65
Graham, T. L.	Special agent, at \$60 per month and \$15 per month.	\$330.00	78.55
McWilliams, John T.	Special agent, at \$60 and \$100 per month.	\$1,100.00	223.80
Moore, James J.	Special agent, at \$60 per month	\$60.00	
Swaty, David R.	do.	\$90.00	
Wade, James A.	Special agent, at \$60 per month and \$1 per annum.	\$300.66	146.00
Clayton, W. D.	Special agent, at \$40 per month	40.00	
Frierson, Lucy H.	Special agent, at \$2 per diem.	90.00	
Thibodeaux, C. N.	Collaborator, at \$15 per month.	15.00	
Total.		25,154.00	

a Includes payment of salary for June, 1907.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cotton boll weevil investigations, 1907-8, \$35,632.42."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Travel and station and field expenses—Continued.</i>	
Cargill Company.	\$22.25	Gentry, E.	\$179.85
<i>Miscellaneous supplies, etc.</i>		Gigleux, E. J.	437.65
Acker, H. W.	105.80	Graham, T. L.	78.30
Cook, J. R.	182.05	Huffman, L. J.	20.55
Lake Charles Press.	108.75	Huffman, M. E.	13.30
Murphy, John C.	6.50	Kinnebrew, Irene.	62.35
Swircynski, Joe.	2.00	Knapp, S. Arthur.	53.94
Thompson, M. L.	4.20	Knapp, Seaman A.	401.37
Tumlinson blacksmith shop.	6.10	McKnight, H. L.	309.91
Total.	415.40	McLaughlin, F. M.	51.60
<i>Rent.</i>		McWilliams, John T.	217.05
Von Phul, F. A. & Gordon, S. W.	30.00	Moore, J. J.	602.83
<i>Travel and station and field expenses.</i>		Moss, B. L.	178.90
Allen, C. E.	20.40	Murphy, John C.	9.55
Apple, W. J.	248.81	Orms, G. W.	54.99
Bamberge, Wm. M.	268.88	Owens, L. D.	11.90
Barnett, J. C.	318.81	Perlin, L. E.	604.50
Barrow, D. N.	59.85	Plunkett, Tom O.	37.35
Bentley, W. D.	508.62	Procter, W. F.	536.20
Black, J. H.	9.18	Pruitt, Geo. H.	335.10
Boyce, C. W.	89.65	Quicksall, J. L.	404.55
Caldwell, Daniel R.	442.29	Risher, G. F.	5.60
Campbell, W. W.	343.31	Smith, Ed W.	147.00
Cook, C. M.	9.89	Stallings, W. C.	8.85
Cowdin, E. P.	4.80	Sutton, G. R.	166.30
Davidson, R. C.	588.29	Swaty, A. V.	186.65
Evans, J. A.	451.43	Swaty, David R.	309.19
Featherston, L. H.	114.25	Terrell, T. E.	104.45
Franklin, Chas. L.	1.80	Utts, A. J.	293.06
		Wade, James A.	146.00
		Watkins, W. J.	148.90
		Wemple, J. E.	412.40
		Total.	10,010.40

Total amount of above appropriation..... \$35,632.42  
 Total expenditures under above groups..... 35,632.05

Unexpended balance..... .37

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Buildings, Department of Agriculture, \$495,340.07."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Gardner, S. Franklin	Engineer, at \$2,000	\$1,916.66	\$192.35
Talcott, R. Barnard	Consulting mechanical engineer, at \$700	408.34	
Sewell, John Stephen	Supervising engineer, at \$650	433.32	319.17
Tillet, E. L.	Engineer, at \$3 per diem	252.00	
Sherwood, W. S.	do.	216.00	
Augusterfer, H. G.	do.	339.00	
Palmer, J. G.	Inspector, at \$2,000	1,749.99	80.70
Dent, John T.	Inspector, at \$100 per month	613.33	
Eaton, L. F.	do.	1,150.00	
Saunders, H. W.	do.	793.33	
Laing, Wm.	Inspector, at \$75 per month	100.00	
Sutherland, W. D.	do.	405.00	
McGowne, John	Foreman, at \$150 per month	900.00	
Austin, Walter T.	Assistant, at \$25 per month	50.00	
Massie, Henry	Fireman, at \$2.25 per diem	85.50	
Phillips, Richard A.	do.	92.25	
Ratcliff, Harry T.	do.	29.25	
Stewart, G. W.	do.	153.00	
Webb, John E.	do.	67.50	
Young, David	do.	67.50	
Welborn, Ella	Clerk, at \$600	100.00	
Total		9,921.97	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Buildings, Department of Agriculture, \$495,340.07."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lamb & Tilden	\$1.75	Muth Co., G. F.	\$61.08
Morrison Paper Co., E.	1.75	National Electric Supply Co.	2,397.64
Schmidt, Fred A.	.58	Otis Elevator Co.	18,956.25
Total	4.08	Rankin, Kellogg & Crane	2,042.21
<i>Miscellaneous supplies, etc.</i>		Rudolph & West Co.	29.18
Adams-Bagnall Electric Co.	8.30	Saers, C. L.	45.00
American Inv. Co.	27.00	Sanborn, C. H.	43,054.66
Barber & Ross	69.00	Shelby Electric Co.	49.50
Bashford, Edward T.	229.50	Somerville Co., Thos.	21.97
Bromwell & Sons, J. E.	.60	Stannard, A. B.	300,523.73
Carney, P. J.	100.00	Steep, Wm. M.	1,763.65
Cathin Co., Elmer H.	9,505.70	Tagliabue Manufacturing Co., C. J.	15.00
Cook, C. H.	35.50	Topham, J. S.	7.00
Du Perow, M.	415.89	Walker Electric Co.	310.00
Edwards, G. W.	40.00	Washington Herald Co.	3.00
Espey, J. B.	52.23	Washington Post Co.	3.00
Faith & Co., S.	59,839.96	Washington Star Newspaper Co.	3.30
Fowler, A. W.	94.24	Washington Times Co.	3.30
General Electric Co.	46.75	Watson Flagg Eng. Co.	9,260.69
Hawley, H. W.	43.00	Webb, J. E.	13.50
Hurley, J. E.	.60	Total	450,402.12
Keasby & Mattison Co.	791.73	<i>Furniture.</i>	
Kellogg Switchboard and Supply Co.	29.41	Moses & Sons, W. B.	53.40
Kiely & Mueller	42.00	Yawman & Erbe Manufacturing Co.	59.25
Lambie & Co., J. B.	4.16	Total	112.65
Lansburgh & Bro.	6.64	<i>Fuel.</i>	
McNamara, Martin F.	300.00	Allegheny Co.	2,975.89
Messier, R.	85.00		
Meyer-Sniffen Co.	42.75		
Mott Iron Works, J. L.	38.50		

## BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Buildings, Department of Agriculture, \$495,340.07"—Continued.

Name.	Amount.	Name.	Amount.
<i>Freight.</i>		<i>Telephone.</i>	
Knox Express Co., Geo. W.....	\$3.00	Chesapeake and Potomac Telephone Co.....	\$9.90
<i>Express.</i>		<i>Gas and electricity.</i>	
Adams Express Co.....	2.05	Bureau of Engraving and Printing....	1,013.28
United States Express Co.....	5.00	<i>Travel and station and field expenses.</i>	
Total.....	7.05	Gardner, S. Franklin.....	192.35
<i>Telegraph.</i>		Palmer, J. G.....	80.70
Postal Telegraph-Cable Co.....	1.13	Sewell, John Stephen.....	319.17
Western Union Telegraph Co.....	2.45	Total.....	592.22
Total.....	3.58		

Total amount of available appropriation..... \$495,340.07  
 Total expenditures under above groups..... 465,045.74

Unexpended balance on June 30, 1908, available until used..... 30,294.33

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Buildings, Department of Agriculture, \$495,340.07."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Beall, R. J., Construction Co.....	Sewer, new building.....	\$6,898.26
Catlin, Elmer H., Co.....	Lighting fixtures.....	9,480.00
Faith, S. & Co.....	Power-plant equipment.....	59,839.96
Keeler, E. Co.....	Boiler in power house.....	2,961.00
Otis Elevator Co.....	Furnishing and installing elevators.....	25,275.00
Rankin, Kellogg & Crane.....	Architectural work.....	54,987.81
Sanborn, Chas. H.....	Heating and ventilating.....	74,303.00
Stannard, A. B.....	Construction of laboratories.....	1,147,782.44
Do.....	Construction of power house.....	24,916.66
Standard Underground Cable Co.....	Lead-covered power cable.....	1,457.50
Underfeed Stoker Co. of America.....	Mechanical stokers.....	4,870.00
Walker, Jno. T.....	Erection of a temporary structure for use as quarters for the superintendent of new building.....	1,377.85
Watson-Flagg Engineering Co.....	Electric wiring and conduit system.....	20,342.50
Total.....		1,434,491.93

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Pomological investigations, fund from sale of fruits and vegetables, \$1,779.40."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bennick, Edward, jr.....	\$19.44	Nye, A. J.....	\$37.50
California Cornice Works.....	25.05	Ruhlman & Co., P.....	14.40
Crutchfield & Woolfolk.....	40.00	San Monte Fruit Co.....	104.85
Fouts, W. A.....	12.50	Scott Bros.....	29.75
Fruit Auction Co.....	171.65	Young & Co., A. F.....	180.65
Hamilton, Jno. W.....	10.50	Total.....	975.28
Harrington, F. O.....	10.00	<i>Furniture.</i>	
Henry, M. C.....	60.00	Lincoln, Fred S.....	36.00
La Mesa Packing Co.....	123.24		
Mann, W. T.....	42.00		
Nagle, J. L.....	36.75		
Newton, A. C.....	57.00		

Total amount available..... \$1,779.40  
 Total expenditures under above groups..... 1,011.28

Unexpended balance on June 30, 1908, which is available until used..... 768.12

## BUREAU OF PLANT INDUSTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Pomological investigations, fund from sale of fruits and vegetables, \$1,779.40"—Continued.*

## RECAPITULATION.

Statutory salaries.....	\$186,381.25
Lump-fund salaries in Washington.....	324,303.28
Lump-fund salaries outside of Washington.....	223,404.34
Stationery.....	10,228.20
Miscellaneous supplies and services, equipment, books, machinery, etc.....	708,226.54
Furniture.....	11,645.98
Fuel.....	8,943.95
Freight.....	4,508.27
Express.....	3,381.89
Telegraph.....	1,017.04
Telephone.....	515.72
Rent.....	16,078.25
Gas and electricity.....	4,220.65
Apparatus, instruments, and laboratory material.....	22,341.67
Travel and station and field expenses.....	136,231.15
<b>Total.....</b>	<b>1,661,428.18</b>
Advances to temporary special disbursing agents.....	21,786.48
<b>Total expenditures for entire Bureau of Plant Industry.....</b>	<b>1,683,214.66</b>
<b>Total of all appropriations.....</b>	<b>1,744,981.89</b>
<b>Total expenditures as above.....</b>	<b>1,683,214.66</b>
Unexpended balance.....	61,767.23
Balance under "Buildings, Department of Agriculture," \$30,294.33, and "Pomological investigations, fund from sale of fruits and vegetables," \$768.12, available until used.....	31,062.45
Balance.....	30,704.78
Repayments to credit of appropriations.....	78.53
Net unexpended balance on September 30, 1908 (estimated).....	30,783.31
Outstanding liabilities (estimated).....	23,624.94
<b>Balance to be turned back in Treasury (estimated).....</b>	<b>7,158.37</b>

## PROJECTS.

The principal projects conducted by the Bureau of Plant Industry during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## I. ADMINISTRATION.

## (A) Office of chief of bureau.

Outline of work: General administration of bureau affairs; the carrying out of all fiscal operations, such as appointments and changes of grade, auditing and accounting; the editing and proof reading of all publications of the bureau, and other executive and administrative details.

## Allotment of funds.

Statutory salaries.....	\$32,313.92
Lump funds.....	12,585.18
<b>Total.....</b>	<b>44,899.10</b>

## Expended as follows:

## Salaries (statutory roll):

Albee, Robert Sumner, clerk.....	\$1,400.00
Allen, Miss J. M., clerk.....	1,200.00
Baxter, Miss Mary A., clerk.....	845.00
Bragdon, Miss C. K., clerk.....	150.00
Brodie, C. E., messenger.....	480.00
Callander, W. F., clerk.....	1,066.67
Collier, William, clerk.....	1,200.00
Cox, William Porter, clerk.....	1,400.00
Dewdney, Mrs. M. V., clerk.....	180.00
Duffy, Miss Sadie, skilled laborer.....	180.00
Edmondston, Mrs. B. L., clerk.....	242.50
Estabrook, L. M., officer in charge.....	2,000.00
Galloway, B. T., chief of bureau.....	4,000.00
Gochenour, William P., clerk.....	1,600.00

## (A) Office of chief of bureau—Continued.

## Salaries (statutory roll)—Continued.

Goding, Harry, clerk.....	\$1, 200. 00
Gordon, Miss E. F., clerk.....	295. 17
Graham, J. P., clerk.....	1, 200. 00
Grogan, Miss E. H., clerk.....	20. 17
Hodges, A. J., watchman.....	720. 00
Jones, J. E., chief clerk.....	2, 250. 00
Jones, O. F., executive assistant.....	450. 00
Key, Richard Carrington, messenger.....	50. 67
Lewis, Miss Ella, clerk.....	140. 00
Mann, Howard Q., messenger.....	66. 67
Marcy, W. L., clerk.....	1, 066. 67
Muhleman, Miss B. M., clerk.....	165. 00
Phelps, Miss N. H., clerk.....	250. 00
Rockwell, J. E., editor.....	2, 000. 00
Saunders, Miss Bell M., clerk.....	1, 600. 00
Sheehan, Frank J., messenger.....	420. 00
Sliter, Mrs. E. L., clerk.....	545. 41
Taylor, W. E., clerk.....	1, 616. 66
Wight, J. C., clerk.....	400. 00
Williams, Mrs. A. H., clerk.....	1, 058. 33
Zell, Mrs. Carrie, clerk.....	855. 00
	<hr/>
	\$32, 313. 92

## Salaries (lump-fund roll):

Burr, Mrs. M. Helen, clerk.....	688. 34
Chew, Harry I., machinist.....	200. 00
DeLoach, Mrs. Gertrude B., scientific assistant in seed testing.....	600. 00
Dulin, Mrs. Mary S., skilled laborer.....	13. 33
Fitzhugh, W. H., unskilled laborer.....	225. 00
Gorely, Harry, electrician's helper.....	100. 00
Goss, Miss Audrey, scientific assistant.....	35. 00
Joyce, John V., unskilled laborer.....	180. 00
Lynn, Thomas N., unskilled laborer.....	99. 00
McQueen, Miss Lillian, clerk.....	80. 00
Makel, John H., unskilled laborer.....	81. 00
Moise, D. O., messenger.....	458. 67
Neilson, C. W. C., cabinetmaker.....	124. 25
Rowe, Mrs. Beatrice G., typewriter.....	45. 33
Scott, John D., unskilled laborer.....	84. 00
Scribner, Frank Lamson, special agent and agrostologist.....	2, 500. 00
Smith, Mrs. Mary I., unskilled laborer.....	80. 00
Sullivan, William, unskilled laborer.....	100. 00
Sweeny, Carl W., unskilled laborer.....	7. 00
Tracy, John E., unskilled laborer.....	30. 00
Wasner, Wendelf H., clerk.....	900. 00
Whittlesey, William H., unskilled laborer.....	52. 00
Youngblood, Armstrong, unskilled laborer.....	40. 00
	<hr/>
	6, 722. 92

Total salaries..... 39, 036. 84

(NOTE.—Employees charged for one-half year are detailed for remainder of year to work of congressional seed distribution.)

Field work: Inspection of experimental plantings and laboratories in the field, and necessary travel.....	718. 18
Miscellaneous: Stationery, supplies, and office fixtures.....	5, 144. 08
	<hr/>
Total expenditures.....	44, 899. 10

Authority: Salaries paid on statutory roll (Digest of Appropriations, p. 423). Miscellaneous investigations, and "for the employment of investigators, \* \* \* clerks, \* \* \* assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses" and miscellaneous expenses and supplies; "and for all other necessary expenses" (Digest of Appropriations, pp. 434-435).

*(B) Office of assistant chief of bureau.*

Outline of work: The administrative supervision of the pathological and physiological work of the bureau; assisting the chief of bureau in the general management of bureau affairs; keeping of project records, cooperative agreements, contracts, etc.; issuance of requests for authorizations, drawing of requisitions, etc.; handling of all supplies and property of the bureau; translating, abstracting, and indexing of pathological and physiological literature, and the maintenance of a branch library of same, and rental and care of all buildings leased for the use of the bureau.

## Allotment of funds:

Statutory salaries.....	\$18, 705. 84
Lump funds.....	18, 035. 20
Total.....	36, 741. 04

## Expended as follows:

## Salaries (statutory roll):

Bradley, E. H., clerk.....	\$1, 466. 66
Carroll, L. W., messenger.....	120. 00
Collins, Joshua Bert, jr., messenger.....	441. 33
Curtin, Miss Grace M., clerk.....	760. 00
Ecton, Thomas G., gardener.....	840. 00
Escavaille, Charles L., clerk.....	908. 34
Fealy, Mrs. N. E., clerk.....	1, 800. 00
Kelley, Michael C., watchman.....	720. 00
Lambert, Miss May A., clerk.....	75. 17
Lane, Miss K. W., clerk.....	1, 200. 00
Long, W. W., executive assistant.....	1, 800. 00
Lynch, Lewis M., messenger.....	239. 67
Mason, Charles S., clerk.....	730. 00
Meloy, Francis E., clerk.....	1, 400. 00
Moise, F. S., clerk.....	1, 200. 00
Oberly, Miss Eunice, clerk.....	1, 216. 67
Ourand, Miss M. E., clerk.....	163. 16
Page, J. E., skilled laborer.....	600. 00
Smith, Miss Lydia J., clerk.....	1, 200. 00
Smith, William A., carpenter.....	840. 00
Sweet, Merle L., clerk.....	970. 84
Whitlock, Harry T., messenger.....	14. 00
	<hr/> 18, 705. 84

## Salaries (lump-fund roll):

Anderson, Frank, unskilled laborer.....	12. 00
Ball, William, unskilled laborer.....	1. 50
Bean, Somerville, carpenter.....	448. 00
Belt, F. A., carpenter.....	21. 00
Bradley, Ernest H., clerk and executive assistant.....	150. 00
Brehon, W. H., unskilled laborer.....	24. 00
Burns, Martin J., unskilled laborer.....	18. 00
Busch, Martin, carpenter.....	21. 00
Carter, Mrs. Emma Jane, unskilled laborer.....	93. 33
Clark, Howard Malvin, unskilled laborer.....	480. 00
Cox, Charles W., plumber's helper.....	18. 00
Cranford, Zachariah H. S., carpenter.....	136. 50
Cratty, James A., plumber.....	120. 00
Craven, John F., plumber.....	152. 00
Fairfax, Wade, unskilled laborer.....	29. 25
Fearing, H. M., clerk.....	84. 00
Garner, Mrs. Sarah L., charwoman.....	530. 00
Garland, Michael J., cabinetmaker.....	136. 50
Graham, E. E., unskilled laborer.....	19. 50
Hart, Robert H., plumber's helper.....	76. 00
Harrison, Miss Carrie, botanical assistant.....	1, 400. 00
Hasse, Miss C. H., scientific assistant.....	762. 67
Holden, Orlando, unskilled laborer.....	12. 75
Holton, Miss Nina G., assistant curator.....	1, 016. 67
Honemond, Mrs. V. B., skilled laborer.....	58. 66

*(B) Office of assistant chief of bureau—Continued.*

## Salaries (lump-fund roll)—Continued.

McQueen, Miss Lillian, clerk.....	\$7. 50
Maddox, Charles M., plumber's helper.....	66. 00
Malone, Homer C., plumber.....	136. 00
Nightengale, William, unskilled laborer.....	27. 00
Purcell, Charles J., plumber.....	148. 00
Roberts, Charles C., unskilled laborer.....	1. 50
Schaffer, E. S., carpenter.....	15. 75
Shipley, John W., carpenter.....	7. 00
Sherwood, Luther, carpenter.....	15. 75
Simmel, Vincent, laborer.....	27. 00
Skidmore, Harry L., plumber's helper.....	54. 00
Smith, Andrew J., painter.....	164. 50
Smith, Miss Florence P., clerk.....	112. 50
Smith, Mrs. Mary I., unskilled laborer.....	113. 33
Steine, Harry, unskilled laborer.....	1. 50
Wallace, Mrs. Annie E., charwoman.....	480. 00
Wentworth, Samuel S., plumber's helper.....	75. 00
Woods, Albert F., assistant chief of bureau.....	3, 500. 00
	<hr/>
	\$10, 773. 66

Total salaries..... 29, 479. 50

Field work: Inspection of experimental plantings and laboratories in the field and necessary travel..... 319. 84

Miscellaneous: Stationery, apparatus, laboratory supplies, office fixtures, gas and electric current, etc..... 6, 941. 70

Total expenditures..... 36, 741. 04

Authority: Salaries paid on statutory roll (Digest of Appropriations, p. 423). Miscellaneous investigations, and "for the employment of investigators, \* \* \* clerks, \* \* \* assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses" and miscellaneous expenses and supplies, "and for all other necessary expenses" (Digest of Appropriations, pp. 434-435).

## II. PATHOLOGICAL INVESTIGATIONS.

*(A) Laboratory of plant pathology.*

Outline of work:	Allotment.
(1) Laboratory studies of all sorts of plant diseases. This work is largely technical, including diseases of sugar cane, cotton, corn, olives, potatoes, tomatoes, tobacco, cucumbers, squash, pumpkins, muskmelons, cabbage, etc.....	\$13, 753. 69
(2) Pathological collections, including the Mycological Herbarium and the identification and inspection of material received. In connection with the pathological work a collection of all the fungi connected with plant diseases is necessary, and this collection now contains approximately 50,000 specimens.....	3, 780. 01
(3) Investigation of rice diseases in South Carolina. Work already done indicates that the disease of rice known as "blast" is caused by a fungus and that plants growing in very acid soils are most subject to attack.....	702. 50
(4) Investigations of truck crop diseases including methods of spraying cucurbits to control downy mildew, the production of disease-resistant cow peas and watermelons, a study of the disease prevalent in the United States.....	4, 429. 36
Statutory salaries.....	5, 044. 49
	<hr/>
Total allotment.....	27, 710. 05

*A Laboratory of plant pathology—Continued.*

Expended as follows:

Salaries (statutory roll):		Allotment.
Allen, Clyde W., clerk.....	\$1,000. 00	
Ammen, Miss Mathilde, clerk.....	525. 00	
Austin, Miss Ella M., clerk.....	350. 00	
Brewer, James F., clerk and artist.....	546. 67	
Fitzpatrick, Miss Beulah, clerk.....	178. 49	
Graham, Miss Grace, clerk.....	840. 00	
Parker, Miss S. M., clerk.....	1,200. 00	
Ports, Edward M., skilled laborer.....	100. 00	
Veihmeyer, Frank J., clerk.....	304. 33	
		\$5,044. 49
Salaries (lump-fund roll):		
Ames, Miss Adeline, laboratory aid.....	900. 00	
Bolley, H. L., collaborator.....	12. 00	
Brewer, James F., artist.....	500. 00	
Calwell, George, unskilled laborer.....	621. 50	
Chambliss, Charles E., collaborator.....	2. 50	
Charles, Miss Vera K., scientific assistant.....	1,200. 00	
Dickerson, Ernest O., unskilled laborer.....	399. 00	
Gates, E. P., clerk.....	120. 00	
Gilbert, W. W., scientific assistant.....	200. 00	
Harper, Joseph N., collaborator.....	180. 00	
Harter, Leonard L., assistant pathologist.....	700. 00	
Heald, F. D., collaborator.....	12. 00	
Hedges, Miss Florence, scientific assistant.....	1,368. 89	
Johnston, J. R., scientific assistant.....	1,400. 00	
Jones, L. R., collaborator.....	300. 00	
Kern, Frank D., collaborator.....	12. 00	
Lawrence, William H., collaborator.....	12. 00	
McCulloch, Miss Lucia, scientific assistant.....	960. 00	
Metcalf, Haven, pathologist.....	1,000. 00	
Norton, J. B. S., collaborator.....	12. 00	
Orton, W. A., plant pathologist.....	843. 75	
Pammel, L. H., collaborator.....	12. 00	
Patterson, Mrs. F. W., mycologist.....	1,700. 00	
Quirk, Miss Agnes, laboratory aid.....	1,200. 00	
Rowen, James D., gardener.....	720. 00	
Selby, A. D., collaborator.....	12. 00	
Sheldon, John L., collaborator.....	10. 00	
Shorey, Mrs. Marian Lydia, collaborator.....	175. 00	
Smith, Erwin F., plant pathologist in charge.....	3,000. 00	
Stevens, F. L., collaborator.....	12. 00	
Stone, George E., collaborator.....	12. 00	
Stuart, Wm., collaborator.....	60. 00	
Tiller, Miss Ruby J., laboratory aid.....	600. 00	
Vaughan, R. E., special agent.....	200. 00	
Whetzel, H. H., collaborator.....	12. 00	
Wilcox, E. Meade, collaborator.....	12. 00	
		18,492. 64
Total salaries.....		23,537. 13
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....		2,346. 07
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....		1,133. 52
Total expenditures.....		27,016. 72

Authority: Statutory salaries (Digest of Appropriations, p. 423). \* \* \* "to study plant and orchard diseases, and demonstrate the treatment of same; \* \* \* to investigate the causes of decay in forest timber and timber used for construction purposes, and to devise means for preventing the decay of same; \* \* \* for actual and necessary traveling expenses, \* \* \* " and other miscellaneous expenses (Digest of Appropriations, pp. 434-435).

*(B) Diseases of fruits.*

Outline of work:	Allotment.
(1) Pear blight eradication and demonstration work.....	\$6,393.90
(2) "Little peach" eradication work.....	1,872.11
(3) Spraying demonstration work in the control of apple bitter rot..	4,585.90
(4) Investigations of diseases of cranberries, grapes, and other small fruits.....	6,800.58
(5) Investigations of miscellaneous diseases of orchard fruits, including the identification of diseases, a study of the brown rot of the peach and plum, and of the winter injury to fruit trees, and giving information as to the preparation and use of fungicides..	6,240.09
Statutory salaries.....	766.66
Total allotment.....	26,659.24

## Expended as follows:

Salaries (statutory roll):	
Stein, Lewis E., clerk.....	766.66
Salaries (lump-fund roll):	
Ayres, Thomas Willard, special agent.....	\$1,000.00
Ballard, William S., scientific assistant.....	1,200.00
Collins, Joshua Bert, jr., messenger.....	2.66
Eastabrook, Arthur H., expert in plant pathology.....	203.33
Faurot, F. W., special agent.....	1,200.00
Hasse, Miss Clara H., scientific assistant.....	166.67
Hawkins, L. A., scientific assistant.....	1,200.00
Miles, G. F., scientific assistant.....	816.66
O'Gara, P. J., scientific assistant.....	1,500.00
Rand, Frederick V., scientific assistant.....	41.67
Rorer, J. B., assistant pathologist.....	1,700.00
Scott, W. M., plant pathologist.....	2,250.00
Shear, C. L., plant pathologist.....	2,375.00
Stein, Lewis E., clerk.....	225.00
Waite, Merton B., pathologist in charge.....	2,750.00
Wood, Mrs. A. K., botanical assistant.....	1,095.83
	17,726.82
Total salaries.....	18,493.48
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	7,308.70
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....	857.06
Total expenditures.....	26,659.24

Authority: \* \* \* "to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* for the employment of investigators, local and special agents, \* \* \* clerks, illustrators, assistants, student or scientific aids, \* \* \* and all other labor and assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses; \* \* \* miscellaneous expenses, and "for all other necessary expenses \* \* \*." (Digest of Appropriations, pp. 434-435.)

*(C) Forest pathology.*

Outline of work:	Allotment.
(1) Oaks and other hard woods.....	\$1,300.00
(2) Ornamental shade trees and shrubs.....	650.00
(3) Root rot of trees and grape vines.....	850.00
(4) Crown gall.....	1,175.53
(5) Tree diseases.....	996.00
(6) Mining timber.....	550.00
(7) Damping off of tree seedlings.....	1,300.00
(8) Shade and forest nursery stock.....	650.00
(9) Effect of sulphur gases on trees.....	550.00
Statutory salaries.....	1,198.67
Total allotment.....	9,220.20

*(C) Forest pathology—Continued.*

Expended as follows:

	Allotment.
Salaries (statutory roll):	
Taylor, Thomas C., clerk.....	\$1, 198. 67
Salaries (lump-fund roll):	
Collins, J. F., special agent.....	\$165. 00
Hedgcock, G. G., pathologist.....	1, 400. 00
Metcalf, Haven, pathologist.....	1, 000. 00
Rumbold, Miss Caroline, special agent.....	100. 00
Spaulding, Perley, scientific assistant.....	1, 400. 00
	<hr/> 4, 065. 00
Total salaries.....	5, 263. 67
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	1, 973. 48
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....	1, 983. 05
Total expenditures.....	<hr/> 9, 220. 20

Authority (Digest of Appropriations, pp. 434-435): \* \* \* "to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to investigate the causes of decay in forest timber used for construction purposes, and to devise means for preventing the decay of the same; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \* "

## III. PHYSIOLOGICAL INVESTIGATIONS.

*(A) Plant breeding.*

Outline of work:	Allotment.
(1) Breeding hardy frost-proof oranges which may be grown in more northern regions than the present orange belt and be able to resist severe freezes.....	\$500. 00
(2) Breeding new types of citrus fruits to obtain hybrids combining the loose skin of the tangerine with the quality and form of the ordinary orange, and to secure improved varieties of tangerines, oranges, pomeloes, lemons, etc.....	500. 00
(3) Breeding new types of pineapples of improved quality, form, disease resistance, etc.....	500. 00
(4) Breeding alkali and drought resistant field crops, to secure varieties more resistant to alkalies and drought.....	7, 871. 72
(5) Tobacco breeding, including the improvement of native varieties by seed selection and the production of new strains by hybridization, the adaptation of imported varieties to special soil and climatic conditions, study of the curing and fermentation of tobacco, and a study of the diseases affecting the crop.....	37, 091. 05
(6) Corn breeding, the production of improved strains for the different geographic sections of the United States.....	6, 015. 67
(7) Breeding of sweet corn, including its improvement for canning purposes and the improvement and acclimatization of two strains for Florida, South Carolina, Maryland, and Connecticut.....	6, 197. 87
(8) Miscellaneous breeding work, including the improvement of potatoes by selection, and the production of high-yielding and high starch-producing new varieties from seed; the production by hybridization and selection of a saccharine broom corn to combine the properties of sorghum and broom corn; the testing of alkali resistance of nitrogen-fixing bacteria, to ascertain whether the bacteria are less resistant than their host plants, and, if so, whether the resistance of the former can be increased by breeding; and the improvement of wild plants, to secure desirable strains of several of our wild species and to obtain new vegetables for general use, particularly a substitute for potatoes.....	2, 137. 45
Statutory salaries.....	3, 058. 16
Total allotment.....	<hr/> 63, 871. 92

(A) *Plant breeding*—Continued.

Expended as follows:

Salaries (statutory roll):		Allotment.
Davenport, L. H., clerk.....	\$1, 200. 00	
Davis, J. H., clerk.....	254. 33	
Etheridge, Joe T., messenger.....	40. 00	
Hammerly, C. A., skilled laborer.....	720. 00	
Miller, Mrs. C. C., clerk.....	372. 50	
Palmer, William L., clerk.....	471. 33	
		\$3, 058. 16
Salaries (lump-fund roll):		
Adams, Charles W., clerk.....	172. 50	
Allen, Philip T., special agent.....	291. 67	
Anderson, B. G., collaborator.....	50. 00	
Ayer, L. W., tobacco expert.....	400. 00	
Baker, John P., cigar maker.....	162. 00	
Beinhart, John P., special agent.....	190. 00	
Bias, T. J., unskilled laborer.....	580. 00	
Blohm, J. E., special agent.....	427. 78	
Brewer, Boltos Elder, special agent.....	350. 00	
Brewer, Vincent C., tobacco expert.....	1, 000. 00	
Brown, E. B., assistant physiologist.....	1, 500. 00	
Brown, D. E., special field agent.....	700. 00	
Cobey, W. W., collaborator.....	461. 67	
Davis, C. W., special agent.....	540. 00	
Dillman, Arthur C., expert.....	205. 56	
Edgerton, Mrs. D. S., clerk.....	66. 25	
Epley, R. S., tobacco expert.....	500. 00	
Etheridge, Joe W., messenger.....	42. 67	
Foubert, Charles I., chemist aid.....	500. 00	
Garner, W. W., scientific assistant.....	1, 600. 00	
Green, W. W., crop technologist.....	1, 400. 00	
Harris, G. W., crop technologist.....	1, 400. 00	
Harter, L. L., assistant pathologist.....	700. 00	
Hartley, C. P., physiologist.....	1, 800. 00	
Hinson, W. M., crop technologist.....	2, 500. 00	
Kearney, T. H., physiologist.....	2, 187. 50	
Kyle, C. H., assistant physiologist.....	1, 537. 78	
Lepley, Miss Annie B., clerk.....	293. 75	
Lucas, W. R., gardener.....	540. 00	
McNess, George T., tobacco expert.....	483. 33	
McQueen, Miss Lillian, clerk.....	92. 50	
Mahan, C. A., special agent.....	175. 00	
Massey, G. B., tobacco expert.....	833. 33	
Mathewson, E. H., crop technologist.....	2, 000. 00	
Norton, J. B., assistant physiologist.....	110. 00	
Oliver, G. W., expert.....	600. 00	
Olson, Otto, tobacco expert.....	1, 200. 00	
Peterson, William Arnold, farm superintendent.....	116. 67	
Prescott, Charles W., collaborator.....	12. 00	
Rowe, R. W., tobacco expert.....	600. 00	
Scherffius, W. H., tobacco expert.....	441. 66	
Schrader, W. B., tobacco expert.....	1, 400. 00	
Scott, John T., unskilled laborer.....	456. 99	
Shamel, A. D., physiologist in charge.....	2, 750. 00	
Shantz, H. L., collaborator.....	500. 00	
Simmonds, Edward, gardener.....	210. 00	
Stewart, J. B., tobacco expert.....	1, 883. 34	
Ullrich, Fritz, unskilled laborer.....	275. 00	
Webber, H. J., collaborator.....	12. 00	
Winters, R. Y., special agent.....	100. 00	
Wood, James A., unskilled laborer.....	170. 62	
Woosley, H., special agent.....	1, 100. 00	
Zook, L. L., scientific aid in corn testing.....	439. 44	
		38, 061. 01
Total salaries.....		41, 119. 17

*(A) Plant breeding—Continued.*

	Allotment.
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	\$14, 979. 34
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....	7, 773. 41
Total expenditures.....	63, 871. 92

Authority (Digest of Appropriations, pp. 434-435): \* \* \* to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other micro-organisms in soils and the root tubercles of leguminous and other plants; \* \* \* to propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \*. For actual and necessary traveling expenses; \* \* \* miscellaneous expenses, and "for all other necessary expenses \* \* \*."

*(B) Plant life history investigations.*

Outline of work:	Allotment.
(1) Establishment of date culture and study of the life history of the date palm; to bring about the establishment of date culture on a commercial scale in the United States; particularly to investigate the life history of the date palm in reference to the different varieties and methods of culture best adapted to American conditions.....	\$2, 000. 00
(2) Investigation of crops suited to arid and semiarid regions, to ascertain the drought resistance of the principal crop plants adapted to dry-land culture.....	5, 000. 00
(3) Caprification of the fig and study of the life history of figs and caprifigs; to continue the investigation of the process of caprification and to study in detail the life history of figs used for drying, and the caprifigs in which the fig insect is produced..	1, 000. 00
(4) Clover and alfalfa investigations—seed production and change of seed; to investigate the life history of clover and alfalfa, with special reference to climatic, soil, and culture conditions, requirements of the various varieties, and at the same time to determine whether change of seed is beneficial; and, if so, whether it can be carried out to advantage in practice.....	4, 300. 00
(5) Establishment of pistache culture, and study of the life history of the pistache and its wild relatives.....	600. 00
(6) Arboricultural investigations, with special reference to the utilization of tree crops in dry-land regions, and to investigate the life history of fruit, nut, and forage trees likely to succeed in the drier parts of the Southwest.....	5, 452. 58
(7) Miscellaneous life history investigations, including a study of truffle culture and a study of the life history of the truffle fungus and truffle oaks; to bring about the establishment of truffle culture on a commercial basis in the United States; an investigation of the application of electricity to plant culture, to determine by field tests whether electricity can be applied with advantage in truck farming; an investigation of the stimulation treatment of crops; to discover the causes of increased yields of plants sprayed with Bordeaux mixture and of cereals treated to prevent smut; and a study of the life history of citrus fruits, with special reference to hardy and extra-early sorts and the growing of hardy stocks on which to graft them.....	828. 87
Statutory salaries.....	2, 790. 00
Total allotment.....	21, 971. 45

*(B) Plant life history investigations—Continued.*

Expended as follows:

Salaries (statutory roll):		Allotment.
Downes, Maurice A., clerk.....	\$390. 00	
Ferrall, J. A., clerk.....	1, 400. 00	
McQuinn, H. L., clerk.....	1, 000. 00	
		\$2, 790. 00
Salaries (lump-fund roll):		
Ayer, H. D., special agent.....	151. 12	
Brand, C. J., physiologist.....	1, 900. 00	
Dameron, A. F., unskilled laborer.....	510. 00	
Downes, M. A., clerk.....	135. 00	
Drummond, Bruce, assistant in arboriculture.....	720. 00	
Hudson, E. W., assistant in arboriculture.....	720. 00	
Kees, S. L., assistant in plant-life history.....	890. 00	
Lutman, B. F., special agent.....	158. 00	
Marquette, Wm., expert.....	195. 00	
Mason, S. C., arboriculturist.....	2, 000. 00	
Savage, E. M., special agent.....	720. 00	
Sillig, O. F., French translator.....	1, 375. 00	
Sutherland, Friend I., special agent.....	150. 00	
Swingle, Walter T., physiologist in charge.....	2, 875. 00	
Wilson, A. D., special agent.....	191. 66	
		12, 690. 78
Total salaries.....		15, 480. 78
Field work: Cooperation with experiment stations, municipalities, and others, inspection and experiments with contaminated water supplies, and necessary travel.....		3, 912. 43
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc.....		2, 578. 24
Total expenditures.....		21, 971. 45

Authority (Digest of Appropriations, pp. 434-435): \* \* \* "to investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to carry on special investigations of the conditions of grain production, \* \* \* and the means of improving the same; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees and shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere;" \* \* \* miscellaneous expenses, "and for all other necessary expenses \* \* \*."

*(C) Soil bacteriology and water purification.*

Outline of work:		Allotment.
(1) Experiments with nitrogen-fixing bacteria. The work consists of the distribution of pure liquid cultures of nitrogen-fixing bacteria for inoculating leguminous plants and the study of the conditions under which the nodule-forming bacteria are unable to form nodules, and the breeding of soil bacteria of more virile types.....		\$11, 382. 09
(2) Water purification investigations. This includes demonstration work on the copper treatment to eradicate algæ from water supplies; a study of the effect of copper in the purification of oyster beds; the effect of copper upon fish and fish eggs, in cooperation with the Fish Commission; the use of copper in disinfecting water supplies; the copper treatment of sewage in connection with the problem of sewage disposal.....		3, 606. 01
Statutory salaries.....		2, 100. 00
Total allotment.....		17, 098. 10

(C) *Soil bacteriology and water purification*—Continued.

Expended as follows:

Salaries (statutory roll):		Allotment.
Maxwell, Guy R., skilled laborer.....	\$900. 00	
Woolverton, Miss Pearl, clerk.....	1, 200. 00	
		\$2, 100. 00
Salaries (lump-fund roll):		
Allen, Edward R., scientific assistant.....	100. 00	
Beckwith, T. D., scientific assistant.....	256. 67	
Fawcett, Miss Edna H., laboratory aid.....	1, 080. 00	
Fitzgerald, Thomas A., plumber.....	420. 00	
Goll, F. L., laboratory aid.....	1, 209. 00	
Hibbard, R. P., jr., scientific assistant.....	1, 033. 33	
Hoover, C. P., special agent.....	242. 67	
Jones, John W., unskilled laborer.....	600. 00	
Kellerman, Karl F., physiologist in charge.....	2, 250. 00	
Leonard, Lewis T., laboratory aid.....	840. 00	
Meadows, J. O., special agent.....	187. 00	
Robinson, T. R., assistant physiologist.....	1, 600. 00	
Whittaker, H. A., scientific assistant.....	785. 56	
		10, 595. 23
Total salaries.....		12, 695. 23
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, necessary travel, etc.....		1, 292. 12
Miscellaneous: Field and laboratory supplies, stationery, and office fix- tures, apparatus, etc.....		3, 110. 75
Total expenditures.....		17, 098. 10

Authority (Digest of Appropriations, pp. 434-435): \* \* \* "to study plant physiology in relation to crop production; \* \* \* to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other micro-organisms in soils and in the root tubercles of leguminous and other plants; to study and find methods for preventing algal and other contaminations of water supplies; \* \* \* for the employment of investigators, local and special agents, \* \* \* clerks, \* \* \* assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

(D) *Bionomic investigations of tropical and subtropical plants.*

Outline of work:		Allotment.
(1) Weevil-resistant cotton investigations, to secure varieties resistant to the boll weevil (see under appropriation for "Cotton boll weevil investigations").....		\$500. 00
(2) South Texas acclimatization investigations. To ascertain the tropical and subtropical capabilities of south Texas, and to acclimatize tropical varieties of corn, cotton, beans, etc.....		1, 500. 00
(3) Coffee investigations. To determine methods of culture best adapted to our tropical islands.....		300. 00
(4) Rubber investigations. To ascertain the conditions, cultural methods, and agricultural possibilities of rubber culture and how to improve the quality of the product.....		700. 00
(5) Tropical corn investigations. To secure varieties adapted to our tropical territory and to the subtropical Gulf regions and the arid West, where corn is not grown or is a precarious crop....		3, 000. 00
(6) Cacao investigations. To determine the botanical sources of commercial cacao and the adaptability of its culture to drier and more healthful regions, as in Porto Rico, Hawaii, and the Philippines.....		100. 00
(7) Banana investigations. To determine the essential factors for the commercial production of bananas and the most desirable species for cultivation in our own territory, including the United States proper.....		200. 00

*(D) Bionomic investigations of tropical and subtropical plants—Continued.*

Outline of work—Continued.	Allotment.
(8) Bionomic studies of agricultural plants indigenous in tropical America. To ascertain the varietal specializations which exist in cultivated tropical plants, such as beans, potatoes, etc.	\$1, 629. 48
Statutory salaries.....	1, 400. 00
Total allotment.....	9, 322. 48

## Expended as follows:

Salaries (statutory roll): Meloy, Guy S., clerk.....	1, 400. 00
Salaries (lump-fund roll):	
Collins, G. N., assistant botanist.....	\$1, 733. 33
Cook, O. F., bionomist in charge.....	1, 260. 42
Doyle, Conrad B., expert.....	550. 00
Kinsler, John H., expert.....	125. 00
Lewton, Frederick L., scientific assistant.....	583. 34
Madigan, Thomas, plumber's helper.....	42. 50
Meade, Rowland M., field agent.....	225. 00
Pittier, Henry, special agent.....	1, 875. 00
Rose, Leonidas B., typewriter.....	407. 50
	6, 802. 09
Total salaries.....	8, 202. 09
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, and necessary travel, etc.....	480. 17
Miscellaneous: Field and laboratory supplies, apparatus, machinery, etc.....	640. 22
Total expenditures.....	9, 322. 48

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant and orchard diseases; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

*(E) Drug and poisonous plant and tea-culture investigations.*

Outline of work:	Allotment.
Drug plants:	
(1) Morphine production from poppy capsules, to ascertain the practicability of obtaining morphine from the dried capsule walls.....	\$2, 000. 00
(2) Camphor cultivation and utilization, to ascertain the practicability of growing camphor commercially in this country.....	3, 150. 00
(3) Lemon-curing investigations, to ascertain the cause of the poor keeping qualities of American lemons and to remove it.....	2, 650. 00
(4) American hop investigations, to ascertain to what extent the good and bad qualities of American hops are due to methods of growing, curing, etc.....	3, 286. 15
(5) Drug-plant tests at Washington, to ascertain the best methods of handling foreign and domestic drug plants.....	1, 800. 00
(6) Burlington, Vt., drug-testing garden.....	500. 00
(7) Pierce, Tex., drug-testing garden.....	141. 66
(8) Ebenezer, S. C., drug-testing garden.....	2, 310. 00
(9) Testing plant drugs.....	533. 34
(10) Perfumery plants.....	350. 00
(11) Methods and means of making and using industrial alcohol on the farm.....	3, 000. 00

*(E) Drug and poisonous plant and tea-culture investigations—Continued.*

## Outline of work—Continued.

Poisonous plants:	Allotment.
(1) Investigation of the loco-weed disease in field and laboratory. Feeding experiments on range and in corrals. ....	\$7,000.00
(2) Mistletoe investigations, to ascertain the physiological properties of mistletoe with reference to its poisonous action and possible value as a remedy in stock poisoning. ....	633.34
(3) Investigation of the poisonous action of death camas and the best methods of overcoming it. ....	325.00
(4) Investigation of the poisonous action of mountain laurel and means of overcoming it. ....	900.00
(5) Study of plants causing big head in sheep. ....	600.00
(6) Study of plants causing milk sickness in animals. ....	633.34
(7) Poisonous qualities of larkspur. ....	600.00
Tea culture:	
(1) Investigation of the aromatic constituents of tea, to de- termine their sources by chemical laboratory studies..	200.00
(2) Summerville, S. C., tea gardens. ....	1,100.00
(2) Rantoules tea project, at Tea, S. C., to demonstrate the possibility of growing tea commercially on the rice lands of South Carolina. ....	25.85
(4) Tea breeding by selection and hybridization. ....	10.00
(5) Pierce, Tex., tea gardens. ....	3,003.33
Statutory salaries. ....	5,092.67
Total allotment. ....	39,844.63

## Expended as follows:

## Salaries (statutory roll):

Benner, Harvey A., clerk. ....	\$1,325.00
Henkel, Miss Alice, clerk. ....	1,791.67
Hicks, Mrs. Elva E., clerk. ....	1,200.00
Kelly, James W., skilled laborer. ....	720.00
Skippon, Charles D., messenger. ....	56.00
	5,092.67

## Salaries (lump-fund roll):

Bryant, Ernest, unskilled laborer. ....	105.00
Clarke, F. W., gardener. ....	325.00
Clawson, Arthur B., expert in poisonous plants. ....	272.50
Collins, Maurice, unskilled laborer. ....	25.50
Crawford, Albert C., pharmacologist. ....	1,800.00
Gadsden, Miss E. H., collaborator. ....	300.00
Hood, S. C., scientific assistant. ....	1,000.00
Klugh, G. F., scientific assistant. ....	1,200.00
Kremers, Edward, expert. ....	2,500.00
Lacey, Miss Nora A., unskilled laborer. ....	66.67
Marsh, C. D., expert. ....	2,000.00
Marsh, Hadleigh, laboratory assistant. ....	267.50
Mitchell, George F., scientific assistant. ....	1,200.00
Pershing, Harry, unclassified laborer. ....	390.00
Rabak, Frank, expert. ....	1,200.00
Rand, Miss Clara C., clerk. ....	40.00
Sievers, Arthur F., expert in pharmacognosy. ....	900.00
Snellings, C. B., laboratory assistant. ....	735.00
Stockberger, Warner W., expert in histology. ....	1,800.00
True, Rodney H., physiologist in charge. ....	2,750.00
Turner, Molyneaux L., laboratory helper. ....	720.00
Young, Thomas B., scientific assistant. ....	1,200.00
	20,797.17
Total salaries. ....	25,889.84

*(E) Drug and poisonous plant and tea-culture investigations—Continued.*

Field work: Cooperation work in the field, inspection of experimental plantings, testing of apparatus, and necessary travel.....	allotment. \$6, 028. 24
Miscellaneous: Laboratory and office supplies, fixtures, apparatus, machinery, etc.....	7, 926. 60
Total expenditures.....	39, 844. 68

Authority (Digest of Appropriations, pp. 434-435): "To investigate \* \* \* drug, medicinal, poisonous, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and report on the cost of making tea and the best methods of cultivating and preparing the same for market; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student or scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

*(F) Physical laboratory.*

Outline of work:	Allotment
(1) Physical investigations. In connection with the laboratory work conducted by the various branches of the bureau it has been found necessary to have accurate physical measurements of various conditions determined, for which purpose the physical laboratory was established; developing apparatus and assisting in making exact measurements of the alkali and water existing in various soils in order to determine the relation of concentration of alkali salts to plant growth and the exact limits of drought resistance; investigations of moisture content of grains; developing apparatus for the more rapid determination of the moisture content of grain in cars for use of grain inspectors; electrical investigations at the Arlington farm on the study of electrical currents in relation to their effect upon the growth of plants....	\$9,214. 59
(2) Cooperation with dry-land agricultural investigations, for the purpose of developing apparatus for use in experiments in dry-land agriculture.....	4, 297. 18
Statutory salaries.....	485. 00
Total allotment.....	13, 996. 77

## Expended as follows:

Salaries (statutory roll): Winkler, James H., messenger.....	485. 00
Salaries (lump-fund roll):	
Belz, J. O., assistant in physical laboratory.....	\$1, 466. 67
Briggs, Lyman J., physicist in charge.....	2, 625. 00
McLane, John W., laboratory assistant.....	1, 200. 00
Pearce, Miss Julia R., office and laboratory assistant.....	1, 200. 00
Seifriz, William, laboratory apprentice.....	540. 00
Wheeler, Bertram C., mechanician.....	1, 196. 67
	8, 228. 34
Total salaries.....	8, 713. 34
Field work: Collection of plants and inspection of experimental plantings in the field, and necessary travel.....	1, 238. 52
Miscellaneous: Office and laboratory supplies and miscellaneous expenses.....	4, 044. 77
Total expenditures.....	13, 996. 77

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and en-

courage the adoption of improved methods of farm management and farm practice; \* \* \* to carry on special investigations of the conditions of grain production, handling, grading, and transit; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, \* \* \* mechanics, and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses; for telegraph and telephone service; for gas and electric current; \* \* \* for the purchase of chemicals, materials, office, field, and laboratory supplies; \* \* \* office fixtures, fuel, apparatus, machinery, tools, and other implements, and repairs to same; \* \* \* and for all other necessary expenses \* \* \*."

(G) *Crop technology.*

Outline of work:	Allotment.
(1) Biology of grain breeding.....	\$175.00
(2) Biology of grain milling.....	175.00
(3) Crop technology illustrations.....	275.00
(4) Laboratory investigations of crop technology.....	4,467.38
(5) Grain grading.....	175.00
(6) Wheat-grading nomenclature.....	150.00
(7) Free living nematodes.....	300.00
(8) Agricultural apparatus.....	233.34
(9) Hawaiian fungi.....	150.00
(10) Grain-smut testing.....	175.00
(11) Solar and artificial projection.....	150.00
Total allotment.....	6,425.72

## Expended as follows:

## Salaries (lump-fund roll):

Bean, Somerville, carpenter.....	\$448.00
Cobb, N. A., crop technologist.....	3,000.00
Miller, Kirk C., messenger.....	294.17
Total salaries.....	3,742.17

Field work: Cooperation with experiment stations and practical farmers, collection of plants, inspection of experimental plantings, and necessary travel.....	118.49
Miscellaneous: Office and laboratory supplies and apparatus, miscellaneous expenses, etc.....	2,565.06
Total expenditures.....	6,425.72

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; \* \* \* to carry on special investigations of the conditions of grain production, handling, grading, and transit; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, \* \* \* mechanics, and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses; for telegraph and telephone service; for gas and electric current; \* \* \* for the purchase of chemicals, materials, office, field, and laboratory supplies; \* \* \* office fixtures, fuel, apparatus, machinery, tools, and other implements, and repairs to same; \* \* \* and for all other necessary expenses \* \* \*."

## IV. TAXONOMIC INVESTIGATIONS.

(A) *Systematic botany and economic collections.*

Outline of work:	Allotment.
(1) Investigation of plants used by the American aborigines; plants, with information as to names and uses by the Indians, are secured, identified, and data recorded.....	\$3,509.04
(2) Preparation of an authoritative manual of the flora of Alaska.....	545.67

(A) *Systematic botany and economic collections*—Continued.

## Outline of work—Continued.

Allotment.

(3) Herbarium of cultivated plants; collection, identification, and preservation in permanent form of cultivated and economic plants.....	\$2,375.00
(4) Preparation of a manual of American grasses, containing authentic information regarding same.....	11,085.00
(5) Collating and editing notes of Dr. Edward Palmer on economic plants, containing accurate information as to the identity, distribution, and general characters of the Mexican plants studied in the field by Doctor Palmer.....	1,800.00
(6) Preparation of a catalogue of the literature of botany in the various government libraries in Washington.....	200.00
(7) Studying forest grazing problems in cooperation with the Forest Service.....	224.69

(B) *Fiber plant investigations.*

## Outline of work:

(1) Hemp investigations, to increase its production in the United States by the introduction and development of improved varieties.....	700.00
(2) Flax investigations, to secure as full information as possible regarding methods now used in growing flax and preparing the fiber.....	600.00
(3) Ramie investigations, to ascertain whether this plant is a profitable one for farmers of the South.....	250.00
(4) Sisal fiber investigations, to determine whether it is desirable to introduce this fiber plant into the subtropical region of the United States.....	1,010.00
(5) Ixtle fiber in western Texas.....	800.00
(6) Classification of cotton varieties.....	2,250.00
Statutory salaries.....	8,268.17

Total allotment.....	33,617.57
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## Expended as follows:

## Salaries (statutory roll):

Atwood, Miss A. C., clerk.....	\$930.57
Chase, Mrs. Agnes, scientific assistant.....	51.33
Fraile, Manuele, gardener.....	720.00
Grant, Charles V., clerk.....	1,200.00
Hungerford, H. F., messenger.....	49.50
Johnston, Miss Gertrude M., clerk.....	1,000.00
Lingle, A. F., messenger.....	157.33
McClure, Miss Mary M., clerk.....	1,400.00
Milton, Miss Katharine, clerk.....	52.78
Pierce, J. F., messenger.....	553.33
Scanlon, Patrick, skilled laborer.....	720.00
Schuermann, Carl C., messenger.....	240.00
Warner, Miss M. F., clerk.....	1,193.33

8,268.17

## Salaries (lump-fund roll):

Archer, Mrs. Victoria, charwoman.....	45.34
Baker, George F., clerk.....	88.67
Chase, Mrs. Agnes, scientific assistant.....	1,126.67
Coville, Frederick V., botanist in charge.....	3,000.00
Dewey, L. H., botanist in charge.....	2,500.00
Goodloe, Miss Lucille, laboratory aid.....	610.33
Goodloe, Miss Marie, laboratory aid.....	348.33
Greene, Edward L., consulting expert.....	280.56
Hebron, Mrs. Ida, charwoman.....	480.00
Hitchcock, Albert S., systematic agrostologist.....	2,291.66
Jamieson, Mrs. Annie, charwoman.....	480.00
Johnson, Miss Marie, charwoman.....	480.00
Jones, Harold, messenger.....	45.00
Karsner, George D., special agent.....	100.00
Palmer, Edward, expert.....	180.00

(A) + (B) *Fiber-plant investigations*—Continued.

Salaries (lump-fund roll)—Continued.		Allotment.
Ricker, Percy L., scientific assistant.....	\$1, 400. 00	
Safford, William E., assistant curator.....	1, 800. 00	
Schmitt, Waldo L., laboratory aid.....	610. 00	
Tidestrom, Ivar, scientific assistant.....	63. 89	
✓ Tyler, F. J., scientific assistant.....	1, 139. 99	
Wight, W. F., assistant botanist.....	1, 800. 00	
		\$18, 870. 44
Total salaries.....		27, 138. 61
Field work: Cooperation with experiment stations and practical farmers, inspection of experimental fields, and necessary travel, etc.....		3, 102. 04
Miscellaneous: Office and laboratory supplies, fixtures, apparatus, and miscellaneous expenses.....		3, 376. 92
Total expenditures.....		33, 617. 57

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. \* \* \* For actual and necessary traveling expenses \* \* \* miscellaneous expenses, \* \* \* and for all other necessary expenses \* \* \*."

## V. AGRONOMIC INVESTIGATIONS.

(A) *Farm management.*

Allotment.

## Outline of work:

- (1) Farm management districts, of which seven have been organized, the following types of investigation being conducted: Determination of the types of farming prevailing in each district, the types giving the best results and the relation of the various types to local conditions of soil, climate, markets, labor, etc.; cropping systems in vogue on different farms of the same and of different types; the relation of individual crops to local conditions; methods used in the production and utilization of individual crops; dates when crops may be planted and when they are available for use for different purposes when planted at a particular time; a detailed study of the system of management on particular farms on which important problems have been solved. Districts: No. 1, North Carolina, South Carolina, Georgia, and Florida; No. 2, Alabama, Mississippi, and Tennessee; No. 3, Louisiana, Arkansas, and Missouri; No. 4, Texas; No. 5, New York and the New England States; No. 6, Oregon, Washington, and Idaho; No. 7, Oklahoma, Kansas, Nebraska, and eastern Colorado..... \$18, 265. 91
- (2) Cactus investigations, to determine the value of the prickly pear and other species as a stock food..... 2, 608. 98
- (3) Range investigations, to determine the best methods of range management, carrying capacity of ranges, etc..... 2, 210. 00
- (4) Crop and soil problems, including the study of farm practice in the cultivation of potatoes, the production of small grains, corn, and hay; the diversification of crops on rice lands; farm practice with peas, beans, cowpeas, soy beans, sorghums, millets, etc.; forage crops for the Gulf coast region; cassava varieties; the extermination of weeds; winter cover crops for the South; soiling systems, silage practice, etc.; methods of maintaining fertility, the relation of types of farming to fertility, study of methods of tillage, and the relation of soil types to crops, tillage, fertilizers, etc..... 16, 221. 11

(A) *Farm management*—Continued.

Outline of work—Continued.	Allotment.
(5) Study of farm practice on stock farms, including the production of forage for beef cattle, sheep, and hogs.....	\$6,765.00
(6) Reconnoissance of Oklahoma; a brief survey to determine the agricultural possibilities of the different sections of the State..	835.00
(7) Study of the business side of farming, including a detailed study of business methods on successful farms, forms for keeping farm accounts and farm records.....	5,480.00
Statutory salaries.....	7,628.00
Total allotment.....	60,014.00

## Expended as follows:

## Salaries (statutory roll):

Ball, William A., clerk.....	\$1,400.00
Bagley, Miss Emily E., clerk.....	1,000.00
Barber, Ellis E., clerk.....	600.00
Benner, Harvey A., clerk.....	266.67
Disney, Richard H., watchman.....	600.00
Gibson, William A., clerk.....	858.00
McDonnell, Miss Emily E.....	1,200.00
Ruark, Archibald A., photographer.....	900.00
Tyler, Miss Clara H., clerk.....	803.33

7,628.00

## Salaries (lump-fund roll):

Beavers, James C., scientific assistant.....	1,196.67
Belt, Miss Artridge, draftsman and clerk.....	450.00
Billings, George A., assistant in dairy farm management..	550.00
Buchanan, Miss Maggie, charwoman.....	143.34
Bugby, M. O., special agent.....	400.00
Carrier, Lyman, scientific assistant.....	700.00
Connor, Lewis G., special agent.....	25.00
Cotton, J. S., scientific assistant.....	1,500.00
Cox, H. R., special agent.....	680.00
Doane, D. H., special agent.....	120.00
Dodge, L. G., scientific assistant.....	1,200.00
Drake, J. Allen, scientific assistant.....	1,400.00
Ellis, Lynn W., assistant in farm management.....	1,000.00
Feldkamp, Miss Cora, library assistant.....	313.75
Field, Miss Frances T., clerk.....	120.00
Fitzpatrick, Guy, expert.....	178.33
Forbes, Robert H., collaborator.....	300.00
Froley, John W., executive assistant.....	1,600.00
Garman, Harrison, special agent.....	450.00
Griffiths, David, assistant agriculturist.....	2,250.00
Hare, R. Fred, special agent.....	300.00
Heller, C. S., scientific assistant.....	143.33
Hoke, C. A., special agent.....	108.33
Honemond, Mrs. V. B., skilled laborer.....	32.01
Hunter, Byron, assistant agriculturist.....	1,800.00
Laing, Wm., inspector.....	24.00
Lipscomb, Caleb, special agent.....	115.00
McCleary, W. B., fence rider.....	300.00
McClure, Harry B., scientific assistant.....	1,300.00
McDowell, John C., expert.....	450.00
Miller, H. A., assistant agriculturist.....	1,400.00
Patterson, H. J., collaborator.....	300.00
Peck, W. A., assistant agriculturist.....	1,500.00
Quinn, Clarence E., scientific assistant.....	1,200.00
Rand, Miss E. C., clerk.....	450.00
Sinclair, Wm., special agent.....	180.00
Smith, C. B., assistant in scientific horticulture.....	2,013.50
Smith, Marie C., charwoman.....	462.50
Spillman, Wm. J., agriculturist.....	3,500.00

(A) *Farm management*—Continued.

Salaries (lump-fund roll)—Continued.	Allotment.
Thompson, Homer C., laboratory aid in horticulture . . . . .	\$340. 00
Turner, Olan E., messenger . . . . .	56. 00
Warren, J. A., scientific assistant . . . . .	1, 400. 00
Zapoleon, Louis B., clerk . . . . .	241. 67
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	\$32, 193. 43
Total salaries . . . . .	39, 821. 43
Field work: Cooperation with experiment stations and practical farmers, experimental plantings and inspection of same, necessary travel, etc. . . . .	15, 970. 12
Miscellaneous: Office, field, and laboratory supplies, fixtures and apparatus, and miscellaneous expenses . . . . .	4, 222. 62
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Total expenditures . . . . .	60, 014. 17

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, \* \* \* and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; to investigate the feeding value of farm crops and the use of fertilizers; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, illustrators, assistants, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses," \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

(B) *Grain investigations.*

Outline of work:	Allotment.
(1) Cereal diseases . . . . .	\$6, 836. 22
(2) Cereal breeding by selection and hybridization . . . . .	3, 567. 32
(3) Grain experiments in the Panhandle of Texas, including adaptation experiments with drought-resistant grains, principally at Amarillo . . . . .	3, 696. 67
(4) Investigation of sorghum varieties, and their adaptations in Texas, Kansas, and California, to determine and describe the varieties of domestic and imported sorghums . . . . .	2, 562. 01
(5) Improvement of barley for the Northwest; adaptation and selection work to secure better yielding varieties of better quality than those now in use; work is conducted in cooperation with the state experiment stations of North Dakota, South Dakota, Minnesota, and Wisconsin . . . . .	2, 358. 58
(6) Improvement of oats in the Northwest; adaptation and breeding work in Wisconsin, North Dakota, South Dakota, Kansas, Nebraska, and Iowa, to secure better yielding varieties and of better quality than those now in use . . . . .	3, 300. 00
(7) Introduction of winter barley in the North . . . . .	701. 72
(8) Introduction of emmer, a crop of value as stock feed, and Russian proso (millet) in semiarid districts . . . . .	7, 203. 10
(9) Wheat investigations, including <i>Durham</i> wheat, the extension of winter wheat, and hard spring wheat in the Northwest . . . . .	3, 020. 96
(10) Crop rotations in relation to cereals . . . . .	2, 183. 93
(11) A study of the proteids of wheat, to secure more accurate knowledge of the nature of wheat gluten and the milling and baking qualities of different wheats . . . . .	1, 310. 00
(12) A study of the effect of environment on the quality of wheat and other grains in cooperation with the Bureau of Chemistry . . . . .	1, 430. 00
Statutory salaries . . . . .	3, 661. 16
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Total allotment . . . . .	41, 831. 67

*(B) Grain investigations—Continued.*

Expended as follows:

Salaries (statutory roll):		Alotment.
Austin, Miss Ella M., clerk.....	\$705.55	
Kinney, Mrs. Anna H. B., clerk.....	1,384.44	
Kolck, Miss Rachel M., clerk.....	930.84	
Peacock, Miss Eva M., clerk.....	175.00	
Townsend, Karl H., messenger.....	465.33	
		\$3,661.16
Salaries (lump-fund roll):		
Alexander, C. L., special agent.....	750.00	
Atkinson, Alfred, collaborator.....	1.00	
Babcock, Frank Ray, special agent.....	42.00	
Baldwin, Miss E. B., clerk.....	72.50	
Ball, C. R., agronomist.....	1,900.00	
Blanchard, Henry F., assistant agronomist.....	1,200.00	
Bull, C. P., collaborator.....	241.66	
Burkett, C. W., collaborator.....	9.00	
Burnett, L. C., special agent.....	1,000.00	
Carleton, M. A., cerealist in charge.....	3,000.00	
Carlyle, Alex., special agent.....	300.00	
Churchill, O. O., special agent.....	600.00	
Cole, John S., expert.....	150.00	
Colliver, A. D., special agent.....	120.00	
Cory, V. L., scientific assistant.....	1,000.00	
Derr, Harry B., assistant agronomist.....	583.34	
Dillman, Arthur C., expert.....	166.67	
Dodson, J. B., special agent.....	325.00	
Dow, C. F., unskilled laborer.....	150.00	
Farrell, F. D., special agent.....	1,200.00	
Freeman, Edward M., collaborator.....	1,175.00	
Fulton, H. R., special agent.....	85.00	
Holland, B. B., unskilled laborer.....	100.00	
Jardine, William M., agronomist in charge.....	2,250.00	
Johnson, Edward C., pathologist in charge.....	1,200.00	
Leidigh, A. H., assistant agronomist.....	1,092.71	
Mackall, Thomas B., expert.....	32.00	
Moore, C. A., special agent and collaborator.....	800.00	
Morris, Mrs. Estelle B., clerk.....	297.50	
Nash, C. W., collaborator.....	100.00	
Norton, Jesse B., assistant physiologist.....	272.66	
Post, Arthur, unskilled laborer.....	70.00	
Pritchard, Fred J., special agent.....	500.00	
Ross, John F., farm superintendent.....	455.01	
Salmon, Cecil, special agent.....	375.00	
Scott, J. T., unskilled laborer.....	38.40	
Shaw, George W., collaborator.....	300.00	
Shepperd, J. H., collaborator.....	100.00	
Shoesmith, V. M., collaborator.....	75.00	
Snyder, W. P., collaborator.....	12.00	
Stabler, A. L., collaborator.....	75.00	
Stone, Alden L., special agent.....	900.00	
Thompson, Oscar A., special agent.....	625.00	
Umberger, Harry J. C., scientific assistant.....	1,200.00	
Waldron, L. R., special agent.....	300.00	
Warburton, C. W., assistant agronomist.....	1,600.00	
Willard, Julius T., collaborator.....	3.00	
Wolf, Frank, special agent.....	720.00	
		27,564.45
Total salaries.....		31,225.61
Fieldwork: Cooperation with practical farmers, cultivation and inspection of experimental fields, and necessary travel.....		8,386.09
Miscellaneous: Office, field, and laboratory supplies and material, office fixtures, and apparatus, machinery, tools, implements, repairs to same, feed for teams, etc.....		2,219.97
Total expenditures.....		41,831.67

Authority (Digest of Appropriations, pp. 434-435): "To investigate \* \* \* grain, \* \* \* grasses, forage, \* \* \* and other plants and plant industries in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to carry on special investigations of the conditions of grain production, \* \* \* and of the means of improving the same; to cultivate and care for experimental gardens and grounds; \* \* \* to collect, purchase, \* \* \* propagate, test, and experiment with rare new seeds, \* \* \* and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \* ."

(C) *Arlington experimental farm.*

Outline of work:	Allotment.
(1) Arlington experimental farm, a field laboratory for the various bureaus and offices of the department. Consists of 500 acres, equipped with buildings, teams, tools, etc., for carrying on experiments.....	\$21, 273. 74
(2) Truck-crop investigations along the Atlantic coast. Adaptation of truck crops to rice lands, improvement and introduction of new varieties, and problems involved in marketing produce.....	9, 666. 01
Statutory salaries.....	6, 769. 58
Total allotment.....	37, 709. 33

## Expended as follows:

## Salaries (statutory roll):

Allen, Tibbett, skilled laborer.....	\$540. 00
Caruthers, Robert P., clerk.....	1, 200. 00
Clinkett, Isaac, skilled laborer.....	540. 00
Franklin, C. D., skilled laborer.....	600. 00
Gordon, J. C., skilled laborer.....	524. 25
Hull, W. S., watchman.....	600. 00
Lynn, T. H., skilled laborer.....	100. 00
Phillips, Ira G., messenger.....	185. 33
Sawyer, Miss Alice Maud, clerk.....	1, 000. 00
Ware, Miss B. G., clerk.....	40. 00
Willis, W. E., skilled laborer.....	720. 00
Zoelner, H. G., gardener.....	720. 00
	6, 769. 58

## Salaries (lump-fund roll):

Ball, F. H., unskilled laborer.....	49. 50
Bailey, George W., unskilled laborer.....	79. 50
Basye, T. W., unskilled laborer.....	16. 50
Beattie, William R., assistant horticulturist.....	1, 800. 00
Brown, John L., clerk.....	90. 00
Burke, Charles, unskilled laborer.....	138. 00
Burton, D. S., unskilled laborer.....	9. 00
Butler, Samuel., unskilled laborer.....	130. 50
Butterfield, E. C., assistant horticulturist.....	1, 800. 00
Collins, Maurice, unskilled laborer.....	81. 37
Cookman, B. C., unskilled laborer.....	570. 00
Copland, H. F., unskilled laborer.....	54. 00
Corbett, L. C., horticulturist.....	3, 000. 00
Davis, Ira, unskilled laborer.....	486. 00
Dement, Harry M., teamster.....	93. 00
Dent, Edgar, unskilled laborer.....	13. 50
Dixon, W. D., teamster.....	225. 00
Elsner, E. C., carpenter.....	172. 50
Galleher, Upton H., unskilled laborer.....	25. 00
Garrett, William A., unskilled laborer.....	258. 75
Gloch, George, unskilled laborer.....	19. 50

(C) *Arlington experimental farm*—Continued.

Salaries (lump-fund roll)—Continued.		Allotment.
Gray, L. L., unskilled laborer.....	\$135. 00	
Hjort, Charles, unskilled laborer.....	87. 00	
Hume, Edward, unskilled laborer.....	178. 50	
Iglehart, Thomas G., carpenter.....	652. 50	
Jackson, Hosia, unskilled laborer.....	417. 75	
Jones, Eugene, unskilled laborer.....	358. 12	
Jones, Washington, unskilled laborer.....	31. 50	
Lee, C. W., unskilled laborer.....	81. 00	
Lower, Irvin B., unskilled laborer.....	55. 00	
Marcey, Calvin, laborer.....	350. 00	
Marcey, Curtis, unskilled laborer.....	117. 00	
Marcey, Earnest, unskilled laborer.....	45. 00	
Marcey, F. L., unskilled laborer.....	434. 25	
Marcey, Henry unskilled laborer.....	108. 00	
Marcey, Theodore, unskilled laborer.....	96. 00	
Milstead, J. I., unskilled laborer.....	720. 00	
Minor, Myrick B., unskilled laborer.....	199. 12	
Morgan, W., unskilled laborer.....	27. 00	
Nalls, K. V., unskilled laborer.....	214. 50	
Payne, H. S., unskilled laborer.....	350. 00	
Pearson, W. M., unskilled laborer.....	124. 50	
Phillips, Ira G., skilled laborer.....	274. 25	
Pinkett, J. R., unskilled laborer.....	60. 00	
Priest, A. C., teamster.....	225. 00	
Putnam, Clarence, unskilled laborer.....	39. 00	
Reed, Silas, unskilled laborer.....	210. 00	
Ridgeway, Harry, unskilled laborer.....	12. 00	
Saunders, Alex., unskilled laborer.....	291. 00	
Sewell, J. T., unskilled laborer.....	66. 00	
Shear, William V., scientific assistant.....	1, 000. 00	
Smith, William W., expert.....	1, 500. 00	
Smoot, George W., unskilled laborer.....	126. 00	
Stewart, Guy L., expert.....	975. 00	
Studds, William, unskilled laborer.....	484. 50	
Tall, Richard, unskilled laborer.....	11. 25	
Tull, John H., expert in greenhouse management.....	291. 67	
Von Bottger, Detlef H., gardener.....	336. 67	
		\$19, 775. 70
Total salaries.....		26, 545. 28
Field work: Actual and necessary traveling expenses in connection with visits to trucking districts of the Atlantic coast and to Washington, D. C., for consultation, etc.....		2, 874. 47
Miscellaneous: Office, field, and laboratory supplies, farm implements and other expenses connected with the maintenance of Arlington experimental farm.....		8, 289. 58
Total expenditures.....		37, 709. 33

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to investigate the feeding value of farm crops and the use of fertilizers; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses; to enable the Secretary of Agriculture to continue the necessary improvements to establish and maintain a general experimental farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April eighteenth, nineteen hundred; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts,

clerks \* \* \* assistants, student and scientific aids, foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* "miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

*(D) Sugar-beet investigations.*

Outline of work:	Allotment.
(1) Investigation of production of domestic sugar from sugar beets, conducted by Mr. Charles F. Saylor, for the purpose of securing complete information regarding the development and condition of the industry in the United States .....	\$5, 000. 00
(2) Improving sugar beets by breeding and selection for drought resistance .....	958. 33
(3) Single-germ beet seed: Selection and breeding to eliminate multiple-germ seed and to increase the production of single-germ seed, in order to effect a great saving of hand labor in the cultivation of sugar beets.....	4, 000. 00
(4) Leaf spot disease of sugar beet: A study of the life history of the fungus and its time and method of attack and means of control. ....	665. 00
(5) Curley-top disease of sugar beet: Investigation of cause and means of controlling the disease.....	1, 015. 00
(6) Miscellaneous diseases of sugar beets.....	800. 00
(7) Effect of fertilizers upon sugar beets.....	714. 58
(8) Siloing sugar beets; experiments with a view to overcoming the special difficulties encountered in siloing sugar beets.....	949. 00
(9) Improvement of cultural methods in growing sugar beets, including investigation of time and method of preparing the seed bed, width of row, subsolling, etc., in order to lessen cost of production and increase yield of sugar beets.....	1, 214. 48
(10) Selection of sugar beets for alkali and drought resistance, conducted in cooperation with the laboratory of plant breeding..	547. 86
(11) Selection of sugar beets for increased tonnage and superior quality.	1, 168. 08
(12) Selection of sugar beets for early maturity.....	535. 75
(13) Fungi infesting stored sugar.....	312. 50
(14) Germination of sugar beet seed.....	290. 61
(15) Miscellaneous diseases of plants grown in connection with sugar beets, such as lettuce, red clover, spinach, alfalfa, and the cultivated daisy.....	1, 619. 60
Statutory salaries.....	1, 860. 00
Total allotment.....	21, 650. 79

## Expended as follows:

Salaries (statutory roll):	
Bissett, David, gardener.....	\$1, 000. 00
Howell, Miss Edna D., clerk.....	860. 00
	1, 860. 00
Salaries (lump-fund roll):	
Adams, Mrs. L. M., laborer.....	600. 00
Brown, Miss Nellie A., scientific assistant.....	1, 148. 99
Burke (No. 2), Edmund, special agent.....	270. 00
Burns, W. H., assistant in sugar beet.....	350. 00
Churchill, G. W., collaborator.....	200. 00
Middleton, James W., unskilled laborer.....	425. 00
Reed, Joseph F., assistant in sugar beet.....	1, 200. 00
Rittue, Edward C., assistant in sugar beet.....	1, 458. 35
Saylor, Charles F., special agent.....	2, 700. 00
Scott, J. T., unskilled laborer.....	105. 60
Shaw, H. B., scientific assistant.....	1, 283. 33
Townsend, C. O., pathologist in charge.....	2, 687. 50
	12, 428. 77
Total salaries.....	14, 288. 77

*(D) Sugar-beet investigations—Continued.*

	Allotment.
Field work: Cooperation with experiment stations, the Reclamation Service, and practical farmers, inspection of experimental fields, and necessary travel.....	\$5,494.01
Miscellaneous: Office, field, and laboratory supplies, apparatus, machinery, etc.....	1,868.01
Total expenditures.....	21,650.79

Authority (Digest of Appropriations, pp. 434-435): "To investigate \* \* \* vegetables, \* \* \* and other plants and plant industries in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant \* \* \* diseases and demonstrate the treatment of same; to study physiology in relation to crop production; to originate and improve crops by breeding and selection; to investigate and develop the domestic production of sugar-beet seed and the best methods of increasing the tonnage of sugar beets; to continue inquiry and ascertain the progress made in the production of domestic sugar from beets and sorghum and other sugar-producing plants; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* students or scientific aids, \* \* \* and for all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses \* \* \* "and for all other necessary expenses \* \* \* ."

*(E) Western agricultural extension.*

	Allotment.
Outline of work:	
(1) Truckee-Carson Experiment Station: Experimental trials are conducted on land reserved for the purpose by the Reclamation Service to ascertain the field and forage crops best adapted to the conditions on this irrigation project.....	\$3,585.99
(2) Yuma Experiment Station: At this station experiments are carried on with high-priced crops with intensive tillage to demonstrate how best to utilize the high-priced land which is now being put under irrigation by the Government.....	2,861.74
(3) San Antonio experiment farm: At this station investigations are in progress as to moisture conservation, tillage, and rotation of crops, with a view to extending dry-land agriculture in this semiarid region.....	4,865.69
Statutory salaries.....	1,784.11
Total allotment.....	13,097.53

## Expended as follows:

## Salaries (statutory roll):

Bailey, R. Victor, clerk.....	\$1,194.11
Taylor, James A., messenger.....	590.00
	1,784.11

## Salaries (lump-fund roll):

Covell, James A., unskilled laborer.....	720.00
Gaardahl, Christen, unskilled laborer.....	98.12
Hussong, J. D., unskilled laborer.....	22.50
McCord, J. N., unskilled laborer.....	154.13
Peterson, W. A., farm superintendent.....	781.10
Rogers, Shoher J., special agent.....	1,184.50
Scofield, Carl S., agriculturist in charge.....	2,500.00
Swesey, A. C., unskilled laborer.....	118.75
Toler, J. I., unskilled laborer.....	155.00
	5,734.10

Total salaries.....	7,518.21
Field work: Cooperation with state experiment stations and practical farmers, inspection of experimental fields, and necessary travel.....	4,126.05
Miscellaneous: Office, field, and laboratory supplies and apparatus, miscellaneous expenses, etc.....	1,453.27
Total expenditures.....	13,097.53

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* to study plant physiology in relation to crop production; \* \* \* to investigate and encourage the adoption of improved methods of farm management and farm practice; \* \* \* to cultivate and care for experimental gardens and grounds; \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student or scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

*(F) Dry-land agriculture.*

## Allotment.

Outline of work: (1) Dickinson project, in southwestern North Dakota;	
(2) Edgely project, in southeastern North Dakota; (3) Highmore project,	
in northern South Dakota; (4) Bellefourche project, in northwestern	
South Dakota; (5) North Platte project, in Nebraska; (6) Hays project,	
in northern Kansas; (7) Garden City project, in southwestern Kansas;	
(8) Amarillo project, in the Texas Panhandle.....	\$24, 429. 09

At these stations the problem of moisture and humus conservation, crop rotations, and methods of farm management are under investigation, with a view to determining the best means of successfully growing crops under semiarid conditions.

Statutory salaries.....	1, 000. 00
Total allotment.....	25, 429. 09

## Expended as follows:

Salaries (statutory roll): Coit, Miss J. L., clerk.....	1, 000. 00
Salaries (lump-fund roll):	

Balz, X. Sylvester, special agent.....	\$675. 00
Burr, W. W., special agent.....	912. 00
Chilcott, Ellery Channing, agriculturist.....	2, 750. 00
Chilcott, Ellery Franklin, agriculturist.....	960. 00
Cole, John S., collaborator.....	450. 00
Davis, R. Nelson, messenger.....	56. 00
Evans, William L., unskilled laborer.....	200. 00
Grace, Oliver J., special agent.....	780. 00
Hazen, L. E., special agent.....	960. 00
Jensen, Charles A., agriculturist.....	1, 800. 00
Kennard, Frank L., assistant in dry-land agriculture.....	1, 080. 00
Payne, J. E., assistant in dry-land agriculture.....	1, 500. 00
Reed, Hiram R., expert.....	240. 00
Ross, John F., farm superintendent.....	233. 33
Shelley, Wilson C., unskilled laborer.....	200. 00
Stephens, John M., special agent.....	200. 00
Sullivan, William, unskilled laborer.....	500. 00
Thompson, Christ W., unskilled laborer.....	230. 00
Willis, Clifford, collaborator.....	28. 33

13, 754. 66

Total salaries.....	14, 754. 66
Field work: Cooperative work on the Arlington experimental farm; inspection of orchards, and necessary travel in connection therewith....	9, 103. 96
Miscellaneous: Office, field, and laboratory supplies, apparatus, and miscellaneous expenses.....	1, 570. 47

Total expenditures.....	25, 429. 09
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Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the state experiment stations, and practical farmers; \* \* \* study plant physiology in relation to crop production; \* \* \* to investigate and encourage the

adoption of improved methods of farm management and farm practice; \* \* \* to carry on special investigations of the conditions of grain production \* \* \* and the means of improving the same; \* \* \* to cultivate and care for experimental gardens and grounds, \* \* \* for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \* ."

## VI. HORTICULTURAL INVESTIGATIONS.

## (A) Pomological collections.

Outline of work:	Allotment.
(1) Collection and dissemination of information relating to the fruit industry, the culture and care of orchards, and the selection of varieties of fruits adapted to various localities.....	\$4, 195. 02
(2) Simplification and purification of fruit nomenclature; to prevent losses experienced by orchard planters through the use by nurserymen in the various sections of the country of different names for the same variety.....	1, 538. 00
(3) Cooperative experimental orchard on the Arlington farm; to establish the identity of varieties and to disseminate scions of valuable sorts.....	840. 00
(4) Modeling and painting of fruits, reproducing fruits, especially rare and little known varieties, by means of wax and water colors.....	350. 00
Statutory salaries.....	11, 492. 50
Total allotment.....	<u>18, 403. 02</u>

## Expended as follows:

## Salaries (statutory roll):

Corrick, Harry K., clerk.....	\$882. 50	
Dodge, Allen, clerk.....	820. 00	
Hall, Clifford Lee, clerk.....	840. 00	
Herrick, Miss Emma C., clerk.....	1, 200. 00	
Huddleson, Miss S. M., clerk.....	1, 600. 00	
Irwin, William N., clerk.....	1, 600. 00	
Lower, Miss Elsie E., assistant photographer.....	600. 00	
Newton, Miss A. A., clerk.....	1, 200. 00	
Passmore, Miss Deborah G., clerk.....	1, 400. 00	
Schutt, Miss Ellen I., clerk (illustrator).....	1, 200. 00	
Waters, Miss Sarah, clerk.....	150. 00	
		11, 492. 50

## Salaries (lump-fund roll):

Brackett, Gustavus B., pomologist in charge.....	3, 000. 00	
Davis, H. M., messenger.....	25. 00	
Gelletly, Mrs. Celia, charwoman.....	540. 00	
Gibson, Mrs. A. E., charwoman.....	480. 00	
Marcey, Theodore, unskilled laborer.....	427. 50	
Pinkett, J. P., unskilled laborer.....	64. 50	
Ragan, William H., expert.....	1, 600. 00	
Waters, Miss Sarah, clerk.....	162. 50	
		6, 299. 50

Total salaries..... 17, 792. 00

Field work: Cooperation with Arlington experimental farm and private growers, inspection work, and necessary travel in connection therewith.....	69. 35
Miscellaneous: Office, field, and laboratory supplies, and apparatus, etc..	541. 67

Total expenditures..... 18, 403. 02

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, \* \* \* and other plants and plant industries in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to

model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States, as far as found practicable; \* \* \* to collect, purchase, propagate, test, and experiment with rare new \* \* \* trees, shrubs, vines, cuttings, and plants; for the employment of investigators \* \* \* and local labor, special agents, \* \* \* experts, clerks, illustrators, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. \* \* \* For actual and necessary traveling expenses;" \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses . \* \* \*."

(B) *Field investigations in pomology.*

Outline of work:	Allotment.
(1) Fruit marketing investigations; to determine the best methods of handling and marketing American fruits and vegetables. . . . .	\$4, 204. 06
(2) Fruit transportation and storage investigations; to determine by shipping and storing quantities under various conditions the factors which govern the successful shipping and storage of fruit. . . . .	33, 012. 28
(3) Fruit district investigations; to ascertain the adaptability of varieties of fruit to different conditions which exist in various fruit-growing sections. . . . .	4, 586. 35
(4) Miscellaneous problems; investigations of the conditions in which pecan culture can be successfully carried on, especially in the South Atlantic and Gulf States, and a study of the adaptability of peach varieties to conditions in the Southern States. . . . .	950. 00
(5) Adaptability of resistant grape stocks to soil types and climatic conditions of the Pacific slope; to determine their resistance to phylloxera. . . . .	3, 530. 80
(6) Congeniality of vinifera grape varieties to various resistant stocks upon which they must be grafted in regions infested with phylloxera. . . . .	1, 000. 00
(7) Adaptability of grape varieties to culture in different vineyard sections. . . . .	1, 000. 00
(8) Development of <del>4-5-9-1</del> rotundifolia grape culture in the South Atlantic and Gulf States; to determine the best methods of handling in these regions the rotundifolia type of grape generally known as the "scuppernong" . . . . .	2, 000. 00
(9) Miscellaneous viticulture problems, including investigations of methods of preparing unfermented grape juice, etc. . . . .	1, 500. 00
Statutory salaries. . . . .	4, 280. 00
Total allotment. . . . .	56, 063. 49

## Expended as follows:

## Salaries (statutory roll):

Ballard, Miss Clara E., clerk. . . . .	\$300. 00
Gorman, Michael J., clerk. . . . .	1, 200. 00
Hugins, Frank A., clerk. . . . .	1, 106. 67
Shepherd, Arthur C., clerk. . . . .	1, 193. 33
Wahlgren, Maurice G., messenger. . . . .	480. 00
	4, 280. 00

## Salaries (lump-fund roll):

Ballard, Miss C. E., clerk. . . . .	420. 00
Brown, William M., collaborator. . . . .	12. 00
Cole, Ernest F., scientific assistant. . . . .	586. 67
Dennis, Samuel James, expert in refrigeration. . . . .	2, 000. 00
Eustace, Harry J., expert in fruit storage. . . . .	2, 000. 00
Fletcher, William F., scientific assistant. . . . .	1, 020. 00
Fries, E. Miller, collaborator. . . . .	24. 00
Gould, Harris P., pomologist in charge. . . . .	2, 000. 00
Greene, Edward L., scientific assistant. . . . .	100. 00
Hosford, G. W., assistant pomologist. . . . .	1, 800. 00
Houghton, Mrs. Beatrice Y., clerk. . . . .	26. 67
Husmann, F. L., viticultural superintendent. . . . .	1, 329. 17
Husmann, George C. F., pomologist in charge. . . . .	2, 250. 00

*(B) Field investigations in pomology—Continued.*

## Salaries (lump-fund roll)—Continued.

	Alloiment.
Powell, G. Harold, pomologist.....	\$3,000.00
Reed, Clarence A., special agent.....	530.56
Stubenrauch, A. V., expert .....	2,250.00
Taylor, William A., pomologist in charge.....	3,000.00
Tenny, Lloyd S., pomologist.....	2,000.00
Tournier, Alfred, special agent.....	1,200.00
Wheeler, C. F., expert.....	666.67
White, Howard M., scientific assistant.....	1,200.00
Williams, Frank M., clerk.....	446.67
	<hr/>
	\$27,862.41
Total salaries.....	32,142.41
Field work: Cooperative work with private growers, packing houses, transportation lines, fruit growers' associations, inspection of packing, shipping, and storing fruit, and necessary travel in connection therewith.....	14,108.93
Miscellaneous: Office, field, and laboratory supplies and apparatus, including portable refrigerating plant, cost of fruit, and expenses connected with experimental shipments.....	9,812.15
	<hr/>
Total expenditures.....	56,063.49

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, \* \* \* and other plants and plant industries in cooperation with other branches of the department, the state experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States as far as found practicable; to investigate the methods of harvesting, packing, storing, and shipping fruits and vegetables within the United States and to foreign countries; to cultivate and care for experimental gardens and grounds, \* \* \* to collect, purchase, propagate, test, and experiment with rare new \* \* \* trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* student and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses; \* \* \* miscellaneous expenses, \* \* \* and for all other necessary expenses \* \* \*."

*(C) Experimental gardens and grounds.*

	Alloiment.
Outline of work: Care and ornamentation of the department grounds; maintenance of greenhouses for experimental purposes; propagation of plants for congressional and special distribution; improvement of plants by hybridization and selection; general care of collections of economic plants, etc.....	\$18,718.56
Statutory salaries.....	21,572.45
	<hr/>
Total allotment.....	40,291.01

## Expended as follows:

## Salaries (statutory roll):

Bryant, Reuben A., skilled laborer.....	\$720.00
Bullen, Harry, gardener.....	900.00
Byrnes, E. M., superintendent.....	1,800.00
Byrnes, J. W., gardener.....	840.00
Cutshall, George W., skilled laborer.....	660.00
Dawson, J. P., gardener.....	825.00
Gauges, J. A., gardener.....	1,000.00
Graner, Mike, gardener.....	660.00
Haase, Henry F., gardener.....	450.67
Hauser, Ernest, gardener.....	780.00
Haws, Henry, fireman.....	714.00
Haws, W. A., gardener.....	324.45
Hofman, Karst, unskilled laborer.....	185.00

(C) *Experimental gardens and grounds*—Continued.

Salaries (statutory roll)—Continued.		Allotment.
Jolliff, J. O., gardener.....	\$780. 00	
Keller, Charles, gardener.....	900. 00	
Kerr, James K., jr., plumber.....	840. 00	
Kerr, James K., sr., gardener.....	900. 00	
Kletsch, Ernest, fireman.....	720. 00	
Lee, Frank, skilled laborer.....	600. 00	
Olden, John W., gardener.....	556. 83	
Orton, Warren S., sr., painter.....	840. 00	
Paget, Wilmer J., gardener.....	383. 33	
Frantiss, A. M., messenger.....	580. 17	
Ports, E. M., skilled laborer.....	500. 00	
Quinn, James, gardener.....	900. 00	
Rand, Miss Clara C., clerk.....	55. 00	
Ross, William H., fireman.....	698. 00	
Schubert, Charles J., plumber.....	840. 00	
Schultheis, William H., skilled laborer.....	720. 00	
Walter, Robert B., carpenter.....	900. 00	
		\$21, 572. 45
Salaries (lump-fund roll):		
Brooks, J. S., unskilled laborer.....	16. 00	
Calwell, George, unskilled laborer.....	36. 00	
Dawson, C. W., unskilled laborer.....	720. 00	
Dawson, J. P., gardener.....	75. 00	
Gaskins, Samuel C., unskilled laborer.....	411. 75	
Gauges, L. A., unskilled laborer.....	20. 00	
Gloss, H. D., carpenter.....	105. 00	
Gooch, C. L., gardener.....	720. 00	
Haase, H. F., gardener.....	304. 00	
Hauser, Ernest, jr., plumber's helper.....	59. 00	
Haws, Harry, unskilled laborer.....	20. 00	
Hofman, Karst, unskilled laborer.....	31. 67	
Jeffries, W. T., unskilled laborer.....	4. 50	
Lee, Thomas, gardener.....	720. 00	
McLennan, Robert, gardener.....	1, 200. 00	
Marks, A. R., plumber's helper.....	110. 00	
Monroe, James W., unskilled laborer.....	38. 25	
Montgomery, J. P., unskilled laborer.....	541. 62	
Neale, R. B., gardener.....	25. 00	
Parker, J. T., unskilled laborer.....	600. 00	
Prentiss, Augustin M., messenger.....	102. 50	
Robinson, Cornelius, unskilled laborer.....	543. 37	
Schick, J. L., unskilled laborer.....	20. 00	
Swann, Sydney, unskilled laborer.....	660. 00	
Sweeny, Carl W., unskilled laborer.....	364. 00	
Taylor, R. L., unskilled laborer.....	35. 00	
Thomas, J. H., unskilled laborer.....	547. 75	
Thompson, Harry, unskilled laborer.....	720. 00	
Wakefield, Walter, unskilled laborer.....	30. 00	
Walter, O. A., unskilled laborer.....	720. 00	
		9, 500. 41
Total salaries.....		31, 072. 86
Miscellaneous: Supplies of all kinds, fertilizers, machinery, tools, imple- ments and repairs to same, fuel, and cost of heating greenhouses.....		9, 218. 15
Total expenditures.....		40, 291. 01

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries in cooperation with other branches of the department, \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, green-

houses, and plant and fruit propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; for telegraph and telephone service; for gas and electric current; for forage, ice, postage, and washing towels; for express and freight charges; for the purchase of chemicals, materials, office, field, and laboratory supplies, fertilizers, office fixtures, fuel, apparatus, machinery, tools, and other implements, and repairs to same; horses, vehicles, horseshoeing, harness; \* \* \* and for all other necessary expenses \* \* \* .”

## VII. SEED AND PLANT INTRODUCTION INVESTIGATIONS.

### (A) Foreign seed and plant introduction.

(See appropriation for “Purchase and distribution of valuable seeds.”)

### (B) Forage crop introduction and extension.

(See appropriation for “Purchase and distribution of valuable seeds.”)

### (C) Vegetable variety testing gardens.

(See appropriation for “Purchase and distribution of valuable seeds.”)

### (D) Domestic seed work, including congressional seed distribution.

(See appropriation for “Purchase and distribution of valuable seeds.”)

### (E) Seed laboratory.

Outline of work:	Allotment.
(1) Pure-seed investigations; to study impurities of seeds received at the laboratory, and to study the distinguishing characters of closely allied economic seeds.....	\$5, 079. 00
(2) Seed-vitality investigations; to determine the conditions affecting the vitality of commercial seeds.....	700. 00
(3) Seed testing; to make seed tests, perfect apparatus, and popularize seed testing.....	6, 972. 61
(4) Examination and detection of adulterated seed.....	4, 765. 00
Statutory salaries.....	3, 250. 00
Total allotment.....	<u>20, 766. 61</u>

#### Expended as follows:

##### Salaries (statutory roll):

Clayton, G. R., messenger.....	\$276. 67
Dulin, Mrs. M. S., clerk.....	211. 67
Gary, Miss Kate F., clerk.....	1, 000. 00
Harvey, Miss Rose A., clerk.....	616. 00
Pierce, J. F., messenger.....	37. 33
Schneider, Miss M. M., clerk.....	705. 00
Smith, Miss Lucy, clerk.....	403. 33
	<u>3, 250. 00</u>

##### Salaries (lump-fund roll):

Balmat, Peter, collaborator.....	10. 50
Benedict, James E., jr., scientific assistant.....	256. 66
Benton, Miss Zoe, scientific assistant.....	448. 00
Blair, B. V., collaborator.....	12. 00
Bleecker, W. L., collaborator.....	7. 50
Brenner, Z. W., collaborator.....	6. 00
Brinkley, W. P., collaborator.....	3. 00
Brown, C. R., collaborator.....	12. 00
Brown, Edgar, botanist in charge.....	2, 125. 00
Cannon, E. A., collaborator.....	4. 50

## (E) Seed laboratory—Continued.

## Salaries (lump-fund roll)—Continued.

## Allotment.

Clough, A. W., collaborator.....	\$3. 00
Cook, George H., collaborator.....	6. 00
Crandall, E. R., collaborator.....	7. 50
Crocker, B. A., collaborator.....	7. 59
Crosby, Miss Mamie L., scientific assistant.....	1, 091. 66
Dimond, Oliver C., collaborator.....	3. 75
Doyle, Miss Emma S., scientific assistant.....	840. 00
Ely, Miss Ethel, laboratory aid.....	205. 33
Enestvedt, E. G., collaborator.....	3. 00
Epps, G. Ollie, collaborator.....	6. 00
Farrar, Roscoe, collaborator.....	10. 50
Field, Miss Frances T., clerk.....	134. 00
Fox, George M., collaborator.....	3. 00
Franklin, C. P., special agent.....	6. 00
Freeman, G. A., collaborator.....	1. 50
Giddings, Silas, collaborator.....	6. 00
Gilbert, C. B., collaborator.....	3. 00
Goss, Willard L., scientific assistant.....	1, 100. 00
Graverson, G. C., collaborator.....	4. 50
Hamilton, Harrison L., collaborator.....	6. 00
Harris, Jesse S., collaborator.....	5. 00
Hartman, S. B., collaborator.....	3. 00
Heller, A. A., collaborator.....	3. 75
Henderson, F. P., collaborator.....	3. 00
Henry, Miss Helen H., laboratory aid.....	245. 00
Hess, Enos H., collaborator.....	3. 75
Hildreth, C. E., collaborator.....	12. 00
Hillman, Frederick H., assistant botanist.....	1, 450. 00
Howell, R. C., collaborator.....	18. 00
Irish, J. P., jr., collaborator.....	21. 00
Johnson, Fred N., collaborator.....	4. 50
Jones, Jesse M., collaborator.....	1. 50
Kelly, J. G., collaborator.....	3. 00
Klugh, A. M., collaborator.....	12. 75
Lacey, Miss Nora A., unskilled laborer.....	68. 00
Lazell, Fred J., collaborator.....	6. 00
McNair, Howard C., collaborator.....	6. 00
McQuarrie, C. K., collaborator.....	4. 50
Marsh, ReRoy, collaborator.....	3. 00
Merick, Miss Lovina S., laboratory aid.....	827. 67
Merony, J. N., collaborator.....	9. 00
Mertz, Otto E., collaborator.....	4. 50
Moen, Miss Ida Jean, collaborator.....	3. 00
Moss, J. M., scientific assistant.....	766. 67
Myers, C. H., special agent.....	39. 00
Oehler, J. E., special agent.....	3. 00
Olstad, Carl, collaborator.....	9. 00
Palmer, Wilbur S., collaborator.....	3. 00
Pardy, David A., collaborator.....	4. 50
Phillips, Miss Clara A., clerk.....	54. 16
Phillips, Wendell, collaborator.....	6. 00
Russ, Miss Blanche, laboratory aid.....	660. 00
Schneider, Miss M. M., clerk.....	120. 00
Seymore, A. P., collaborator.....	3. 00
Sherron, Albert R., collaborator.....	6. 00
Shollander, O. A., collaborator.....	1. 50
Shore, Nahum D., collaborator.....	10. 50
Sigourney, Mrs. Marie Edna, laboratory aid.....	54. 66
Sirrime, Miss Emma F., scientific assistant.....	808. 33
Smith, Ed., collaborator.....	18. 00
Snavey, W. W., collaborator.....	6. 00
Snyder, Mrs. Eva Magnus, clerk.....	350. 00
Stevenson, Miss Nelle, laboratory aid.....	193. 33
Stout, W. H., collaborator.....	6. 00

## (E) Seed laboratory—Continued.

## Salaries (lump-fund roll)—Continued.

		Allotment.
Swain, O. R., collaborator.....	\$9. 50	
Tefft, Miss J. A., laboratory aid.....	710. 00	
Thayer, Paul, collaborator.....	6. 00	
Thomas, R. Bentley, collaborator.....	9. 00	
Varner, Orrien S., collaborator.....	6. 00	
Venable, Woodson, collaborator.....	9. 00	
Waychoff, G. B., collaborator.....	9. 00	
Weld, R. J., collaborator.....	7. 00	
		<hr/>
		\$12, 939. 56
Total salaries.....		16, 189. 56
Field work: Securing seed from different localities, testing same, and necessary travel.....		2, 093. 44
Miscellaneous: Office, field and laboratory supplies, fixtures, and apparatus, and miscellaneous expenses.....		2, 483. 61
		<hr/>
Total expenditures.....		20, 766. 61

Authority (Digest of Appropriations, pp. 434-435): “\* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, \* \* \* and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, students, and scientific aids, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* and the Secretary of Agriculture is hereby directed to obtain in the open market samples of seeds of grass, clover, or alfalfa, test the same, and, if any of such seeds are found to be adulterated or misbranded, or any seeds of Canada blue grass (*Poa compressa*) are obtained under any other name than Canada blue grass or *Poa compressa*, to publish the results of the tests, together with the names of the persons by whom the seeds were offered for sale, \* \* \* for actual and necessary traveling expenses;” \* \* \* miscellaneous expenses \* \* \* “and for all other necessary expenses \* \* \*.”

## (F) Grain standardization.

(See under appropriation for “Grain investigations.”)

## (G) Miscellaneous introduction work.

Outline of work:	Allotment.
(1) Introduction garden at Brownsville, Tex.....	\$9, 032. 06
(2) Introduction and propagation of Japanese rush.....	4, 032. 86
(3) Investigation of brewing barleys.....	3, 264. 50
(4) Miscellaneous seeds and plants, including the globe artichoke, chayote, and Chinese ornamentals.....	4, 151. 10
	<hr/>
Total allotment.....	20, 480. 52

## Expended as follows:

## Salaries (lump-fund roll):

Abadio, Pedro, unskilled laborer.....	\$175. 00
Alanis, Margarito R., unskilled laborer.....	15. 00
Alaniz, Victoriano, unskilled laborer.....	6. 00
Boss, Ralph M., clerk.....	140. 00
Clarke, Fred W., gardener.....	850. 00
Coronada, Auscincio, unskilled laborer.....	60. 00
Duenes, Lupez, unskilled laborer.....	6. 00
Ephante, Sylvester, unskilled laborer.....	3. 50
Fischer, Walter, scientific assistant.....	1, 400. 00
Frear, Dana W., special agent.....	416. 67
Forster, William, unskilled laborer.....	441. 83
Galvan, Mrs. Amelia, unskilled laborer.....	5. 00
Garcia, Anastache, unskilled laborer.....	17. 80
Gomme, William, expert.....	510. 00

*(G) Miscellaneous introduction work—Continued.*

Salaries (lump-fund roll)—Continued.		Allotment.
Green, Edward C., pomologist in charge.....	\$2, 000. 00	
Guevaro, Jose, unskilled laborer.....	127. 00	
Luna, Francisco, unskilled laborer.....	7. 00	
Luna, Juan, unskilled laborer.....	9. 00	
Mann, Albert, collaborator.....	1, 600. 00	
Martinez, Francisco, unskilled laborer.....	175. 00	
Martinez, Roman, unskilled laborer.....	46. 75	
Minios, Leo, unskilled laborer.....	4. 00	
Moore, R. A., collaborator.....	180. 00	
Norgord, C. P., special agent.....	200. 00	
Paredes, Justo, unskilled laborer.....	7. 00	
Ramon, Andres, unskilled laborer.....	. 75	
Reys, Jose, unskilled laborer.....	7. 50	
Reys, Ricardo, unskilled laborer.....	174. 50	
Romig, L. H., clerk.....	1, 000. 00	
Salinas, Pedro, unskilled laborer.....	6. 00	
Schreck, Henry, unskilled laborer.....	215. 50	
Schottle, Frank, unskilled laborer.....	64. 50	
Smith, Rogers, unskilled laborer.....	37. 50	
Tores, Necanor, laborer.....	71. 25	
Tull, J. H., expert in greenhouse management.....	22. 50	
Villaniero, Cristobal, unskilled laborer.....	144. 00	
Yturria, Porfedeo, unskilled laborer.....	251. 06	
Yvarra, Miguel, unskilled laborer.....	83. 00	
		<hr/>
		\$10, 480. 61
Total salaries.....		10, 480. 61
Field work: Inspection of experimental plantings, and necessary travel in connection therewith.....		4, 474. 39
Miscellaneous: Office, field, and laboratory supplies and equipment, freight, express, telegraph, and miscellaneous expenses.....		5, 525. 62
		<hr/>
Total expenditures.....		20, 480. 52

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries; \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and fruit and plant propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* gardeners, \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses;" \* \* \* miscellaneous expenses; "and for all other necessary expenses, \* \* \*."

## VIII. SPECIAL LABORATORIES, GARDENS, AND FARMS.

*(A) Subtropical laboratory and garden (Miami, Fla.).*

	Allotment.
Outline of work: The work at this laboratory includes the propagation and testing of many of the subtropical fruits introduced through the Office of Seed and Plant Introduction and Distribution, and the propagation of hybrid oranges, pineapples, etc., and a study of the diseases of citrus trees and of truck crops grown in the extreme South.....	\$8, 382. 00
Statutory salaries.....	998. 89
	<hr/>
Total allotment.....	9, 380. 89

*(A) Subtropical laboratory and garden (Miami, Fla.)—Continued.*

Expended as follows:		Allotment.
Salaries (statutory roll):	Hudson, Miss A. T., clerk.....	\$998. 89
Salaries (lump fund roll):		
	Bessey, Ernst A., pathologist in charge.....	\$2, 000. 00
	Fawcett, George L., scientific assistant.....	1, 200. 00
	Marshall, Charles A., unskilled laborer.....	539. 25
	Rolfs, P. H., collaborator.....	120. 00
	Strothman, C. H., unskilled laborer.....	95. 33
	Ward, Lee, unskilled laborer.....	120. 00
	Wester, Peter J., gardener.....	1, 175. 00
		<hr/> 5, 249. 58
Total salaries.....		6, 248. 47
Field work: Actual and necessary traveling expenses in connection with visits to trucking districts of the Atlantic coast, and to Washington, D. C., for consultation, etc.....		2, 761. 86
Miscellaneous: Office, field, and laboratory supplies and apparatus, and other miscellaneous expenses.....		370. 56
		<hr/> 9, 380. 89

Authority (Digest of Appropriations, pp. 434-435): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries; \* \* \* to study plant and orchard diseases and demonstrate the treatment of same; \* \* \* to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and fruit and plant propagating houses; \* \* \* to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, \* \* \* experts, clerks, \* \* \* assistants, student and scientific aids, \* \* \* foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; \* \* \* for actual and necessary traveling expenses," \* \* \* miscellaneous expenses, \* \* \* "and for all other necessary expenses \* \* \*."

*(B) Plant introduction garden (Chico, Cal.).*

	Allotment.
Outline of work: Propagating and testing of seeds, bulbs, trees, shrubs, vines, cuttings, and plants, especially of foreign importations by the Office of Seed and Plant Introduction and Distribution, and the improvement of plants by breeding and selection.....	\$2, 304. 00

## Expended as follows:

Salaries (lump-fund roll):	
Howell, Herbert H., clerk.....	\$135. 00
Mayer, August, expert.....	1, 200. 00
Roberts, Harry, clerk.....	969. 00
	<hr/> 2, 304. 00

Authority (Digest of Appropriations, pp. 434-435): \* \* \* "to originate and improve crops by breeding and selection; \* \* \* to cultivate and care for experimental gardens and grounds, \* \* \* to \* \* \* propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators \* \* \* and all other labor and scientific assistance required in conducting investigations and experiments in Washington and elsewhere \* \* \*."

(See also under appropriation for "Purchase and distribution of valuable seeds.")

*(C) Cotton culture farms.*

(See under appropriation for "Cotton boll weevil investigations.")

Appropriation: Grain investigations.

## GRAIN STANDARDIZATION.

## Outline of work:

## Allotment.

(1) General study of methods of grading grain now in use at the various grain centers and their correlation to the percentage method proposed by the department.....	\$17,014.21
(2) Standardization laboratory at Baltimore, Md.; examination and reporting upon all samples of grain submitted or obtained at Baltimore, especially of cargoes destined for export which are again examined on arrival abroad.....	3,247.87
(3) Standardization laboratory at New Orleans, La., conducted along similar lines to that at Baltimore.....	2,800.73
(4) New York laboratory.....	2,506.12
(5) St. Louis laboratory.....	4,324.38
(6) Minneapolis laboratory.....	3,294.13
(7) Duluth laboratory.....	3,299.30
(8) Investigating carrying quality of grain.....	1,624.63
(9) Examination of inspected cargoes at foreign ports; the inspector stationed abroad is notified of departure of inspected cargoes from the ports of Baltimore and New Orleans, and upon arrival at destination these cargoes are carefully examined and their condition reported. By this means valuable data are secured as to changes due to moisture content and temperature which grain undergoes in transit.....	1,888.63

Total allotment.....	40,000.00
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## Expended as follows:

## Salaries (lump-fund roll):

Bailey, Clyde H., laboratory aid.....	\$272.50
Barrett, John M., plumber.....	152.00
Boerner, E. G., assistant.....	1,500.00
Bollman, Parker J., laboratory aid.....	342.50
Callahan, Thomas F., plumber.....	152.00
Carroll, W. P., assistant.....	1,200.00
Carter, Mrs. Emma Jane, unskilled laborer.....	100.00
Comerford, John F., laboratory aid.....	900.00
Davies, George N., assistant.....	607.50
Duval, Laurel, laboratory aid.....	565.00
Duvel, Joseph W. T., assistant.....	2,125.00
Fitz, L. A., scientific assistant.....	1,800.00
Graham, Charles W., plumber.....	100.00
Immer, Edward B., assistant.....	337.50
Jeffers, Leonard M., assistant.....	491.67
Key, Miss Mary Tayloe, skilled laborer.....	50.00
Lawless, John J., plumber.....	152.00
Leighty, Clyde E., assistant.....	1,800.00
Lynch, John H., messenger.....	64.00
Morris, Evan L., assistant.....	722.23
Morrison, George W., clerk.....	1,000.00
Neal, Clarence A., assistant.....	1,200.00
O'Loughlin, William J., laboratory aid.....	370.00
Richey, E. C., assistant.....	744.45
Romig, LeRoy H., clerk.....	200.00
Russell, Clark A., laboratory aid.....	580.00
Ryder, Frank J., assistant.....	870.00
Sattre, Alfred M., assistant.....	722.23
Shanahan, John D., crop technologist.....	3,000.00
Shane, Ovid, laboratory aid.....	152.17
Slade, Carl, unskilled laborer.....	35.00
Smith, Leroy M., assistant.....	900.00
Stockbridge, Miss Lucetta W., clerk.....	75.00
Weaning, Miss Mattie M., clerk.....	583.34
Woolsey, Ralph B., special agent.....	347.50
	24,213.59

Total salaries.....	24,213.59
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## GRAIN STANDARDIZATION—Continued.

	Allotment.
Field work: Visits to grain centers for consultation with grain dealers and organizations, and between laboratories and headquarters, and of special agents stationed abroad.....	\$5, 788. 28
Miscellaneous: Laboratory supplies, materials, and apparatus, and miscellaneous expenses.....	9, 988. 26
Total expenditures.....	39, 990. 13

Authority (Digest of Appropriations, p. 435): "To enable the Secretary of Agriculture to establish, at such points of export as he may deem expedient, laboratories for the purpose of examining and reporting upon the nature, quality, and condition of any sample, parcel, or consignment of seed or grain, or so much thereof as may be necessary; and the Secretary of Agriculture is authorized to report upon such samples, parcels, or consignments from time to time, and the reports so made shall serve as a basis for the fixing of definite grades and for the issuance of certificates of inspection when requested by the consignor or consignee of any grain entering into interstate and foreign commerce."

Appropriation: Purchase and distribution of valuable seeds.

(A) Congressional distribution.

	Allotment.
Outline of work: (1) Vegetable and flower seeds; (2) special seeds, as cotton, lawn grass, etc.; (3) special plants, orange trees, ornamentals, etc.; (4) trial grounds.....	\$225, 583. 22
Statutory salaries.....	27, 611. 65
Total allotment.....	253, 194. 87

Expended as follows:

Salaries (statutory roll):

Allan, Miss Isabelle, clerk.....	\$250. 00
Armstrong, H. C., clerk.....	720. 00
Ashmore, C. D., clerk.....	1, 000. 00
Austin, Miss M. A., clerk.....	835. 00
Boyle, Henry H., gardener.....	223. 17
Bragdon, Miss Clara K., clerk.....	570. 00
Burke, Edmund, clerk.....	900. 00
Chandler, H. F., messenger.....	605. 00
Coleman, E. Harry, clerk.....	500. 00
Cookman, George E., skilled laborer.....	660. 00
Crandall, E. L., skilled laborer.....	480. 00
Cuppernell, Bert, clerk.....	6. 67
Davis, Edward F., jr., skilled laborer.....	180. 00
Degenhardt, G. A., messenger.....	385. 33
Dewdney, Mrs. M. V., clerk.....	667. 50
Duffy, Miss Sadie, skilled laborer.....	540. 00
Ellis, Miss Clara, skilled laborer.....	50. 00
Estler, Harry S., clerk.....	925. 00
Frost, Fred C., messenger.....	335. 00
Galloway, Beverly T., chief of bureau.....	500. 00
Garton, Alfred C., clerk.....	1, 216. 67
Gordon, Miss Edith F., clerk.....	706. 66
Goss, Miss Audrey, clerk.....	490. 00
Hammersley, James J., skilled laborer.....	150. 67
Hardenstein, Miss Florence P., clerk.....	211. 67
Hurdle, Miss I. V., clerk.....	720. 00
Jones, Oliver F., executive assistant.....	1, 160. 00
Jones, Rosier B., skilled laborer.....	243. 33
Juenemann, H. E., gardener.....	825. 00
Knight, Edward Q., clerk.....	1, 200. 00
Lewis, Miss Ella, clerk.....	690. 67
Lewis, C. J. M., messenger.....	264. 17
McConica, C. C., messenger.....	77. 34
McNaught, Archibald, jr., skilled laborer.....	181. 67
MacMorris, Miss Laura, clerk.....	883. 34
Marcey, W. L., executive assistant.....	350. 00

(A) *Congressional distribution*—Continued.

## Salaries (statutory roll)—Continued.

## Allotment.

Martin, Miss A. R., clerk.....	\$840. 00
Millott, Eugene, clerk.....	350. 00
Muhleman, Miss Bessie, clerk.....	495. 00
Murphy, Miss Jessica A., clerk.....	1,077. 23
Nelson, Marvin C., skilled laborer.....	144. 00
Parker, Mrs. Grace D., clerk.....	688. 00
Phelps, Miss N. H., clerk.....	750. 00
Reed, Charles W., clerk.....	1,263. 89
Rich, F. H., messenger.....	58. 67
Smith, Mrs. Mary J., skilled laborer.....	718. 00
Thompson, Elmer, messenger.....	48. 00
Wright, J. C., clerk.....	1,200. 00
Wyatt, Hardee, clerk.....	275. 00

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 \$27,611. 65

## Salaries (lump-fund roll):

Atkinson, Edwin D., clerk.....	317. 50
Baltimore, Charles, unskilled laborer.....	6. 00
Bergner, Mrs. S. J., aid in seed testing.....	60. 00
Brooks, Willard, laborer.....	3. 37
Brown, James, unskilled laborer.....	18. 00
Brown, Miss Martha A., unskilled laborer.....	385. 00
Bryant, Cullen, unskilled laborer.....	2. 25
Byrnes, Miss Lula G., clerk.....	206. 67
Coates, Robert, laborer.....	7.50
Cole, Robert, laborer.....	1. 00
Collins, W. E., laborer.....	4. 00
Cookman, Benjamin, unskilled laborer.....	150. 00
Crandall, E. L., photographer.....	240. 00
Degenhardt, George A., messenger.....	94. 67
Denton, L., laborer.....	.50
Dulin, Mrs. Mary S., skilled laborer.....	375. 00
Edelin, Harrison, unskilled laborer.....	1. 50
Faunce, Mrs. H. V., unskilled laborer.....	540. 00
Fleet, Ernest, unskilled laborer.....	18. 00
Foley, John F., assistant superintendent.....	100. 00
Gaines, John, unskilled laborer.....	3. 37
Galleher, U. H., unskilled laborer.....	400. 00
Garrett, W. A., unskilled laborer.....	195. 00
Gilbert, Mrs. M. M., classified laborer.....	540. 00
Gillingham, Mrs. M. P., unskilled laborer.....	105. 41
Goucher, Edward, expert.....	1,000. 00
Griggs, Frank, laborer.....	3. 37
Hall, H., unskilled laborer.....	1. 50
Hall, Fred C., unskilled laborer.....	720. 00
Harmon, Jacob, laborer.....	3. 37
Hawkins, Edward, unskilled laborer.....	18. 00
Holland, Richard Bowie, inspector of seed.....	900. 00
Hopkins, Frank B., aid in horticulture.....	665. 00
Howard, Luke, laborer.....	4. 00
Hughes, Ferril, laborer.....	29. 25
Hume, Edward, unskilled laborer.....	286. 50
Jamison, Charles, unskilled laborer.....	16. 50
Johnson, Eugene, unskilled laborer.....	18. 00
Johnson, Mathew, laborer.....	3. 75
Jones, Miss Carrie L., unskilled laborer.....	40. 83
Jones, Cleveland, laborer.....	3. 00
Jones, Oliver F., executive assistant.....	211. 11
Juenemann, Henry E., gardener.....	100. 00
Kremers, William, expert.....	240. 00
Lancaster, Arthur, laborer.....	3. 00
McConica, Charles C., unskilled laborer.....	324. 00
McGruder, George, laborer.....	3. 56
Marcey, Calvin, laborer.....	250. 00
Millott, Eugene, clerk.....	310. 00
Milstead, E. H., unskilled laborer.....	660. 00

(A) *Congressional distribution*—Continued.

## Salaries (lump-fund roll)—Continued.

		Allotment.
Morrison, Lisle, assistant in charge.....	\$2, 125. 00	
Morton, George, laborer.....	3. 56	
Moxley, Ford, laborer.....	3. 37	
Mulloneaux, Harry, unskilled laborer.....	4. 50	
Nash, George, laborer.....	3. 75	
Neilson, C. W. C., cabinetmaker .....	210. 00	
Oliver, George W., expert.....	1, 200. 00	
Patterson, Lawrence, unskilled laborer.....	17. 25	
Payne, Harry S., unskilled laborer.....	250. 00	
Payne, Richard, laborer.....	4. 00	
Phillips, R. C., laborer.....	2. 62	
Putnam, Clarence, unskilled laborer.....	90. 75	
Ramsdell, Mrs. Katherine P., unskilled laborer.....	660. 00	
Reid, N. B., unskilled laborer.....	15. 00	
Robinson, Joshua, unskilled laborer.....	24. 75	
Rowe, Mrs. Beatrice G., typewriter.....	40. 00	
Rustine, Mrs. L. C., charwoman.....	420. 00	
Shaw, Thomas, clerk.....	160. 00	
Shorter, William, unskilled laborer.....	6. 00	
Simmel, Vincent, laborer.....	4. 50	
Smith, R. H., jr., laboratory aid.....	480. 90	
Soper, William, laborer.....	3. 37	
Spencer, William, laborer.....	1. 31	
Stenhouer, Walter, laborer.....	3. 56	
Taylor, A., laborer.....	4. 00	
Thomas, James, laborer.....	. 50	
Tracy, J. E. W., assistant superintendent.....	2, 000. 00	
Tracy, W. W., jr., assistant botanist.....	1, 533. 33	
Tracy, W. W., sr., expert.....	3, 000. 00	
Wheeler, C. F., expert.....	166. 66	
Whittleton, R. J., superintendent.....	2, 000. 00	
Williams, Henry, laborer.....	3. 37	
Williams, Robert T., expert.....	420. 00	
Yates, Asbury, unskilled laborer.....	15. 75	
Young, Cornelius, laborer.....	3. 56	
Young, David, unskilled laborer.....	18. 00	
		\$24, 487. 94
Total salaries.....		52, 099. 59
Packeting, assembling, and mailing.....		52, 180. 65
Trial grounds, miscellaneous seeds, plants, etc.....		138, 058. 23
Miscellaneous expenses, rent, freight, express, materials, etc.....		10, 742. 95
Total expenditures.....		253, 081. 42

(B) *Purchase, testing, and distribution of rare varieties.*

	Allotment.
Outline of work: (1) Forage crops and grains; (2) testing new varieties, especially vegetables; (3) sugar beet seed; (4) propagating houses....	\$26, 416. 18
Statutory salaries.....	3, 670. 00
Total allotment.....	30, 086. 78

## Expended as follows:

## Salaries (statutory roll):

Alexander, Miss Emma C., clerk.....	\$180. 00
Armstrong, Miss Jessie V., clerk.....	106. 00
Bell, Miss Bessie C., clerk.....	840. 00
Connor, Bernard, clerk.....	750. 00
Crowley, Mrs. Blanche L., clerk.....	56. 00
Green, Laurence H., clerk.....	328. 00
Lucas, William R., gardener.....	165. 00
Minor, George O., skilled laborer.....	660. 00
Nance, Miss Nell W., clerk.....	90. 00
Simmonds, Edward, gardener.....	495. 00

3, 670. 00

## (B) Purchase, testing, and distribution of rare varieties—Continued.

## Salaries (lump-fund roll):

	Alotment.
Aughagan, George, unskilled laborer.....	\$54. 00
Ayer, H. D., special agent.....	182. 22
Bort, Mrs. Katherine S., laboratory aid.....	1, 153. 34
Conner, A. B., scientific assistant.....	1, 300. 00
Dixon, William D., teamster.....	375. 00
Evans, M. W., scientific assistant.....	840. 00
Lynn, T. H., unskilled laborer.....	375. 00
McKee, Roland, scientific assistant.....	1, 200. 00
Morse, W. J., scientific assistant.....	900. 00
Nance, Miss Nell W., clerk.....	50. 00
Nielsen, Harold T., special agent.....	1, 300. 00
Oakley, Russell A., assistant agrostologist.....	1, 600. 00
Piper, Charles V., agrostologist in charge.....	2, 750. 00
Priest, Alban C., teamster.....	375. 00
Schmitz, Nickolas, expert.....	1, 300. 00
Steele, Henry, unskilled laborer.....	180. 00
Vinall, Harry N., scientific assistant.....	1, 200. 00
Westgate, John M., assistant agrostologist.....	1, 800. 00
	<hr/>
	\$16, 934. 56
Total salaries.....	20, 604. 56
Seeds and expenses of propagating and testing work, or travel for inspection work, etc. ....	4, 646. 10
Miscellaneous office expenses, fuel, gas, electric power, telephone, etc....	4, 777. 36
	<hr/>
Total expenditures.....	30, 028. 02

Authority (Digest of Appropriations, p. 435): "For the purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for rent and repairs; the employment of local and special agents, clerks, assistants, and other labor required in the city of Washington and elsewhere; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, printing postal cards, gas, and electric current, traveling expenses, and all necessary material and repairs for putting up and distributing the same, \* \* \*"

Appropriation: Purchase and distribution of valuable seeds (foreign seed and plant introduction).

## FOREIGN SEEDS.

	Alotment.
Outline of work: (1) Foreign explorations; (2) introduction of special crops into the United States.....	\$36, 000. 00
Statutory salaries.....	4, 790. 50
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Total allotment.....	40, 790. 50

## Expended as follows:

## Salaries (statutory roll):

Bell, Mrs. Grace, clerk.....	\$1, 200. 00
Evans, William D., gardener.....	660. 00
Frazier, Charles T., skilled laborer.....	572. 50
Howell, H. H., clerk.....	630. 00
Klopfer, Henry, gardener.....	75. 00
Palmer, Miss Jessamine L., clerk.....	438. 00
Stothart, T. B., clerk.....	840. 00
Weaver, Miss Elizabeth I., clerk.....	105. 00
Wischhoff, Miss A. E., clerk.....	270. 00
	<hr/>
	4, 790. 50
Salaries (lump-fund roll):	
Allison, John H., jr., expert.....	349. 98
Barrett, Otis W., assistant.....	505. 55
Beach, S. A., collaborator.....	11. 70
Benson, W. D., special agent.....	60. 00
Bergner, Mrs. Sophie J., aid in seed testing.....	660. 00
Boyle, Henry H., gardener.....	514. 00
Chambliss, Charles E., collabora or.....	87. 50
Chisolm, Frederic, expert.....	166. 67

## FOREIGN SEEDS—Continued.

## Salaries (lump-fund roll)—Continued.

		Allotment.
DeBaun, Claude, expert in arboriculture.....	\$325. 00	
Derr, Harry B., agronomist in charge.....	816. 66	
Dodson, Joe B., special agent.....	250. 00	
Fairchild, David G., agricultural explorer.....	2, 750. 00	
Goss, Miss Audrey, scientific assistant.....	105. 00	
Hills, W. S., agricultural explorer.....	700. 00	
Hubbard, Miss Anna M., clerk.....	195. 00	
Millott, Eugene, clerk.....	60. 00	
Nehrling, H., collaborator.....	300. 00	
Olden, John W., gardener.....	190. 83	
Skells, H. C., expert.....	625. 00	
Weaver, Miss Elizabeth I., clerk.....	70. 00	
Sheeler, C. F., expert.....	1, 166. 67	
Young, Robert A., scientific assistant.....	1, 000. 00	
		<hr/>
		\$10, 909. 56
Total salaries.....		15, 700. 06
Purchase of seeds and plants, foreign explorations, and field work, including inspection and maintenance of testing and propagating houses and grounds.....		17, 570. 77
Miscellaneous expenses, office requirements, telegraph, etc.....		6, 010. 91
		<hr/>
Total expenditures.....		39, 221. 74

Authority (Digest of Appropriations, p. 435): Appropriation for purchase and distribution of valuable seeds: "*Provided further, That \* \* \**, of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country; and the seeds, bulbs, trees, shrubs, vines, cuttings, and plants thus collected, purchased, tested, and propagated shall not be included in general distribution, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations."

## APPROPRIATION: COTTON BOLL WEEVIL INVESTIGATIONS.

Authority (Digest of Appropriations, pp. 434-437): "To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the Mexican cotton boll weevil in the Southern States by encouraging the diversification of crops, improved cultural methods, breeding of new cottons, and to study the diseases of cotton, \* \* \*, or so much thereof as may be necessary. And the Secretary of Agriculture is hereby authorized to spend said appropriation in such manner as he shall deem best, in cooperation with the state experimental stations and practical cotton growers."—Agricultural act, March 4, 1907.

## I. DIVERSIFICATION OF CROPS.

## (A) Farm management investigations.

	Allotment.
Outline of work: Farm management districts in the South: (a) District No. 1, which includes North Carolina, South Carolina, Georgia, and Florida; (b) District No. 2, including Alabama, Mississippi, and Tennessee; (c) District No. 3, which includes Louisiana, Arkansas, and Missouri; (d) District No. 4, which covers the State of Texas. In all of these districts object-lesson farms have been established, cropping systems have been drawn up and are being followed by practical farmers with a view to the introduction and encouragement of diversified farming; also crop problems, diversification with truck crops, etc.	\$19, 704. 82
Statutory salaries.....	3, 075. 67
	<hr/>
Total allotment.....	22, 780. 49

(A) *Farm management investigations*—Continued.

Expended as follows:		Allotment.
Salaries (statutory roll):		
Church, Miss Lillian, clerk.....	\$1, 160. 00	
Draper, Miss A. E., clerk.....	291. 67	
Price, Miss Nellie V., clerk.....	1, 200. 00	
Skippon, Charles D., messenger.....	424. 00	
		\$3, 075. 67
Salaries (lump-fund roll):		
Benton, Harmon, assistant agriculturist.....	291. 66	
Brodie, D. A., assistant agriculturist.....	2, 000. 00	
Cates, Junius S., scientific assistant.....	1, 500. 00	
Crosby, M. A., assistant agriculturist.....	1, 400. 00	
Cox, Herbert R., special agent.....	200. 00	
Duggar, J. F., special agent.....	150. 00	
Easterbrook, Henry, special agent.....	700. 00	
Goodrich, C. L., expert.....	1, 000. 00	
Humphries, Walter R., clerk and draftsman.....	107. 50	
Lloyd, E. R., special agent.....	120. 00	
McNair, A. D., expert.....	1, 083. 33	
Richardson, F. E., special agent.....	100. 00	
Stewart, S. M., special agent.....	100. 00	
Tracy, S. M., special agent.....	1, 000. 00	
Walker, J. M., special agent.....	12. 00	
Williamson, W. L., special agent.....	29. 16	
Youngblood, Louis B., clerk.....	1, 340. 00	
Zapoleon, Louis B., clerk.....	166. 67	
		11, 300. 32
Total salaries.....		14, 375. 99
Field work: Cooperation with experiment stations and practical cotton growers, inspection of diversification farms, and necessary travel.....		5, 661. 40
Miscellaneous: Field supplies, express, telephone and telegraph charges, and miscellaneous expenses.....		2, 743. 10
Total expenditures.....		22, 780. 49

(B) *San Antonio, Tex., experiment farm.*

Outline of work: Various crops are grown at this farm demonstrating the practicability of diversification in a semiarid district.....		Allotment.
Statutory salaries.....	\$4, 877. 91	75. 00
Total allotment.....	4, 952. 91	

## Expended as follows:

Salaries (statutory roll): Mann, A. C., gardener.....		75. 00
Salaries (lump-fund roll):		
Childers, G. W., unskilled laborer.....	\$540. 00	
Guerrero, Felipe, unskilled laborer.....	360. 00	
Guerrero, Joe, unskilled laborer.....	384. 00	
Hastings, S. H., agent.....	740. 00	
Headley, F. B., scientific assistant.....	1, 500. 00	
Kempton, James, unskilled laborer.....	210. 00	
Smith, John F., unskilled laborer.....	243. 13	
		3, 977. 13
Total salaries.....		4, 052. 13
Field work: Cost of cultivation, inspection, and necessary travel, etc.....		770. 79
Miscellaneous: Field supplies, seeds, express, telegraph and telephone charges, etc.....		129. 99
Total expenditures.....		4, 952. 91

## II. IMPROVEMENT OF CULTURAL METHODS.

Allotment.

Outline of work: On several hundred demonstration farms cotton is grown by coöperators, who are practical cotton growers, under instructions and direct supervision of a corps of special agents, for the purpose of demonstrating that with proper cultural methods cotton can be successfully and profitably produced despite the presence of the boll weevil.....

\$45,901.85

Expended as follows:

Salaries (lump-fund roll):

Abernathy, M. A., collaborator.....	\$0.57
Abrams, H. N., collaborator.....	.53
Allen, I. C., collaborator.....	.28
Alsop, S. B., special agent.....	1,200.00
Apple, William J., special agent.....	960.00
Arthur, L. C., collaborator.....	.28
Ash, W. H., collaborator.....	.88
Babcock, Miss Belle, clerk.....	50.00
Bagley, E. G., collaborator.....	.47
Bamberge, W. W., collaborator.....	.30
Banzhaf, George, collaborator.....	.41
Barber, Horace W., clerk.....	463.33
Barnett, J. C., special agent.....	804.00
Barrow, David N., collaborator.....	1,800.25
Beck, Harry, special agent.....	415.00
Beecher, Miss Katherine L., clerk.....	48.34
Bentley, Walter D., special agent.....	1,425.00
Bishop, E. A., collaborator.....	1.00
Booker, J. A., collaborator.....	.41
Boyce, C. W., special agent.....	140.00
Broom, S. J. W., collaborator.....	.52
Brown, J. B., collaborator.....	.37
Brown, Martha A., charwoman.....	35.00
Burch, Miss Isabel, clerk.....	163.33
Bryson, W. L., special agent.....	375.00
Caldwell, Daniel R., special agent.....	1,200.00
Campbell, J. P., collaborator.....	.16
Campbell, R. H., collaborator.....	.41
Campbell, T. M., collaborator.....	1.00
Campbell, W. W., special agent.....	960.00
Carter, J. L., collaborator.....	.41
Chappell, L. C., collaborator.....	.61
Chisolm, E. N., collaborator.....	.33
Clarke, C. E., collaborator.....	.58
Clayton, W. D., special agent.....	61.33
Conway, W. H., collaborator.....	.60
Cornelius, W. O., collaborator.....	.60
Cowdin, E. P., special agent.....	225.00
Cown, S. M., collaborator.....	.57
Coxwell, H. J., collaborator.....	.61
Criss, W. M., collaborator.....	.48
Crouse, R. W., collaborator.....	.75
Cunningham, T. J., collaborator.....	.54
Davis, G. M., collaborator.....	.66
Day, J. C., collaborator.....	.29
De Saussure, D. L., collaborator.....	.33
Dotson, B. G., collaborator.....	.29
Downing, W. H., collaborator.....	.29
Doyle, Ida L., messenger.....	665.00
Early, T. A., collaborator.....	.37
Egan, P. K., collaborator.....	.25
Elliott, W. R., collaborator.....	.61
Evans, James A., special agent.....	1,949.44
Farrer, F. S., collaborator.....	.75
Featherston, L. M., special agent.....	320.00
Franklin, C. L., laborer.....	58.67
Franklin, Charles P., special agent.....	375.00

## II. IMPROVEMENT OF CULTURAL METHODS—continued.

## Salaries (lump-fund roll)—Continued.

## Allotment.

Galleher, Upton H., unskilled laborer.....	\$175. 00
Gentry, Elbert, special agent.....	334. 05
Gillia, J. J., collaborator.....	. 75
Glassell, W. E., special agent.....	1. 00
Gregory, J. H., special agent.....	300. 00
Hall, J. S., collaborator.....	. 50
Hamilton, J. W., collaborator.....	. 61
Goolsby, J. S., collaborator.....	. 63
Hane, W. C., collaborator.....	. 33
Hardenstein, Mrs. Florence P., clerk.....	342. 00
Hardy, J. A., collaborator.....	. 16
Harris, G. L., collaborator.....	. 58
Hayes, W. H., collaborator.....	. 50
Henderson, J. A., special agent.....	367. 50
Henry, D. H., collaborator.....	. 41
House, W. S., collaborator.....	. 61
Hudson, C. R., collaborator.....	1. 00
Hunt, A. T., collaborator.....	. 25
Hunter, A. J., collaborator.....	150. 12
Ingram, I. S., collaborator.....	. 33
Jenkins, J. W., collaborator.....	. 61
Kennedy, O. L., collaborator.....	. 61
Kent, A. J., collaborator.....	. 58
Kile, J. N., collaborator.....	. 58
Kinnebrew, Miss Irene, collaborator.....	675. 25
Knapp, Seaman A., special agent.....	3, 000. 00
Knapp, S. Arthur, collaborator.....	. 73
Knight, William H., collaborator.....	. 41
Kuykendall, Montroville L., special agent.....	75. 00
Lanier, I. H., special agent.....	375. 00
Lemon, R. D., collaborator.....	. 16
Lingle, Albert F., messenger.....	130. 67
Littaker, A. H., collaborator.....	. 50
Long, Miss Blanche, clerk.....	50. 00
Lundy, W. B., collaborator.....	. 33
McArthur, Colin, collaborator.....	. 29
McKnight, H. L., special agent.....	320. 00
McLaughlin, F. M., clerk.....	1, 200. 00
McMillan, Mrs. Lillian F., clerk.....	50. 00
Massie, Miss Mattie L., clerk.....	145. 00
Marks, T. M., special agent.....	375. 00
Meharg, A. S., collaborator.....	1. 00
Millsap, E. S., collaborator.....	. 26
Mims, Elsworth, collaborator.....	. 41
Moore, Miss M. S., clerk.....	112. 00
Moore, J. J., special agent.....	960. 00
Moss, B. L., special agent.....	. 25
Mullican, Miss Eugenia, clerk.....	231. 00
Naigle, Miss C. L., assistant.....	150. 00
Norfleet, B. T., collaborator.....	. 75
Oliver, G. E., collaborator.....	. 41
Oliver, J. T., collaborator.....	. 41
Ourand, Miss Myra E., clerk.....	53. 16
Peeler, T. L., special agent.....	75. 00
Perrin, L. E., special agent.....	1, 200. 00
Phelps, J. C., collaborator.....	1. 00
Pierce, J. A., collaborator.....	1. 00
Prender, Miss Goodin, clerk.....	190. 00
Proctor, W. F., special agent.....	1, 724. 17
Quicksall, J. R., special agent.....	1, 425. 00
Rhode, P. H., collaborator.....	. 45
Rothrock, J. W., collaborator.....	. 61
Sandy, T. O., collaborator.....	1. 00
Savelly, H. E., collaborator.....	1. 00
Sedivy, George, collaborator.....	. 37

## II. IMPROVEMENT OF CULTURAL METHODS—continued.

## Salaries (lump-fund roll)—Continued.

	Alloiment.
Shaw, L. F., collaborator.....	\$0. 60
Shealy, F. W., collaborator.....	.29
Shull, A. D., collaborator.....	.33
Simmons, Frank, collaborator.....	.61
Smith, E. W., special agent.....	1, 200. 00
Smith, George T., special agent.....	412. 50
Smith, J. Dudley, clerk.....	37. 50
Smith, W. H., collaborator.....	.63
Snowden, Mason, special agent.....	340. 00
Snyder, Mrs. Eva Magnus, clerk.....	250. 00
Stallings, W. C., special agent.....	200. 00
Stansel, J. B., collaborator.....	.41
Stiles, J. R., collaborator.....	1. 00
Stokes, H. B., collaborator.....	.41
Stroup, A. C., collaborator.....	.54
Sullivan, J. B., collaborator.....	.26
Sullivan, R. B., collaborator.....	.61
Summers, J. A., collaborator.....	.33
Swaty, A. V., special agent.....	1, 086. 67
Swaty, D. R., special agent.....	920. 00
Swann, Howard Cobb, special agent.....	277. 50
Tate, H. D., collaborator.....	1. 00
Thibodeaux, C. N., collaborator.....	45. 00
Tinsley, J. B., collaborator.....	.54
Vandiver, Moses H., special agent.....	300. 00
Vansant, Miss Elsie, clerk.....	282. 00
Waldrop, C. S., collaborator.....	.37
Warren, R. R., collaborator.....	.28
Watkins, W. J., special agent.....	240. 00
Watson, G. A., collaborator.....	.61
Watt, J. T., collaborator.....	.61
Wells, William, unskilled laborer.....	30. 00
Wemple, J. E., special agent.....	1, 200. 00
Westbrook, J. D., collaborator.....	.61
Wilkins, P. P., special agent.....	375. 00
Willis, J. W., collaborator.....	1. 00
Wilson, R. S., collaborator.....	1. 00
Winfrey, George H., special agent.....	375. 00
Winningham, Miss Allie M., clerk.....	72. 50
Total salaries.....	\$35, 573. 21
Field work: Cooperation with practical farmers, inspection of demon- stration farms, and necessary traveling expenses.....	6, 378. 56
Miscellaneous: Office and field supplies, rent, freight, express, and tele- graph charges, etc.....	3, 950. 08
Total expenditures.....	45, 901. 85

## III. BREEDING OF NEW COTTON.

## (A) Cotton-breeding investigations.

	Alloiment.
Outline of work: Production of upland cotton with longer and better staple; early varieties of cotton, boll weevil resistant cotton; increas- ing the production of short staple cotton, including the testing of vari- eties to determine their comparative yield and the systematic se- lection of good plants and their pedigree breeding on a large scale; adaptation of Egyptian cotton, including the breeding and selection of imported strains and the testing of hybrids; breeding cotton for increased oil content; testing the value of selected cotton seed by weight; testing cotton-seed meal with whole cotton seed as a fertilizer, and study of cotton-breeding methods.....	\$17, 680. 42
Statutory salaries.....	770. 67
Total allotment.....	18, 451. 09

(A) *Cotton-breeding investigations—Continued.*

Expended as follows:

Salaries (statutory roll):		Allotment.
Reid, W. A., clerk.....	\$125. 00	
Holland, John D., clerk.....	585. 67	
McQueen, Miss Lillian, clerk.....	60. 00	
		<b>\$770. 67</b>
Salaries (lump-fund roll):		
Allard, H. A., scientific assistant.....	932. 00	
Anders, A. T., unskilled laborer.....	480. 00	
Bain, S. M., special agent.....	1, 206. 00	
Bennett, R. L., special agent.....	1, 000. 00	
Boss, R. M., clerk.....	700. 00	
Boykin, E. B., special agent.....	1, 400. 00	
Crampton, Miss Mamie G., clerk.....	447. 50	
Fleming, Miss Mattie M., unskilled laborer.....	21. 34	
Hamilton, Alexander, unskilled laborer.....	90. 00	
Holland, J. D., clerk.....	254. 33	
McQueen, Miss Lillian, clerk.....	265. 00	
Naylor, Miss Fanny L., clerk.....	48. 34	
Price, W. A., laborer.....	264. 00	
Saunders, D. A., special field agent.....	1, 800. 00	
Shoemaker, D. N., expert.....	1, 800. 00	
Winningham, Miss Allie M., clerk.....	42. 50	
Work, Herman, unskilled laborer.....	103. 50	
		<b>10, 854. 51</b>
Total salaries.....		<b>11, 625. 18</b>
Field work: Cooperation with experiment stations and practical farmers, cultivation and inspection of experimental fields, and actual and necessary traveling expenses.....		<b>4, 636. 18</b>
Miscellaneous: Office, field, and laboratory supplies and apparatus, and miscellaneous expenses.....		<b>2, 189. 73</b>
Total expenditures.....		<b>18, 451. 09</b>

(B) *Weevil-resistant cotton investigation.*

Outline of work: Culture and acclimatization of weevil-resistant varieties of cotton found in Central America, the original home of the cotton boll weevil.....		Allotment.
		<b>\$11, 051. 63</b>
Expended as follows:		
Salaries (lump-fund roll):		
Collins, Guy N., assistant botanist.....	\$166. 67	
Cook, Orator F., bionomist in charge.....	1, 489. 58	
Doyle, Conrad B., expert.....	650. 00	
Goll, G. P., special agent.....	370. 00	
Haley, Hardy I., skilled laborer.....	50. 00	
Hastings, Stephen Harold, agent.....	400. 00	
Jordan, B. T., special agent.....	160. 00	
Kinsler, J. D., special agent.....	112. 50	
Kinsler, J. H., special agent.....	1, 375. 00	
Lewton, Frederick L., scientific assistant.....	1, 400. 00	
Lewton, G. W., unskilled laborer.....	50. 00	
McLachlan, Argyle, special agent.....	100. 00	
Meade, Rowland M., field agent.....	315. 00	
Pittier, Henry, special agent.....	375. 00	
Razall, J. P., special agent.....	247. 50	
Rose, Leonidas B., typewriter.....	149. 50	
Schmidt, Lassalle, unskilled laborer.....	35. 00	
		<b>7, 445. 75</b>
Field work: Cultivation and inspection of experimental fields, and necessary traveling expenses.....		<b>3, 310. 46</b>
Miscellaneous: Field supplies, freight, express, and telegraph charges, and miscellaneous expenses.....		<b>295. 42</b>
Total expenditures.....		<b>11, 051. 63</b>

## IV. STUDY OF COTTON DISEASES.

Allotment.

Outline of work: Study of the wilt disease of sea-island cotton and the study of cotton-root rot, rust, anthracnose, and of the shedding of cotton bolls.....	\$5,496.62
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Expended as follows:

Salaries (lump-fund roll):

Ames, Miss Adeline, laboratory aid.....	\$300.00
Connor, James B., cabinetmaker.....	136.50
Culver, Julian Jarnigan, collaborator.....	20.00
Duggar, John F., special agent.....	150.00
Duncan, Luther N., collaborator.....	225.00
Gilbert, William W., scientific assistant.....	1,000.00
Howell, W. M., collaborator.....	50.00
Miles, George F., scientific assistant.....	583.34
Orton, W. A., plant pathologist.....	1,406.25

Total salaries.....	3,871.09
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Field work: Cooperation with experiment stations and practical growers, cultivation and inspection of experimental fields, and necessary travel in connection therewith.....	1,040.91
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Miscellaneous: Office, field, and laboratory supplies and apparatus, and miscellaneous expenses.....	584.62
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Total expenditures.....	5,496.62
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## V. FORAGE CROPS.

Allotment.

Outline of work: Forage-crop extension in the cotton belt.....	\$1,713.34
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Expended as follows:

Salaries (lump-fund roll): Tracy, S. M., special agent.....	1,000.00
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Field work: Inspection of experimental and demonstration fields and necessary travel in connection therewith.....	638.11
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Miscellaneous: Field and laboratory supplies, labor, etc.....	75.23
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Total expenditures.....	1,713.34
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## VI. ALKALI-RESISTANT COTTON.

Allotment.

Outline of work: Testing Egyptian and other alkali-resistant cottons in southern Arizona.....	\$1,790.41
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Expended as follows:

Salaries (lump-fund roll):

Hollingshead, Nelson, unskilled laborer.....	\$71.00
Kearney, T. H., physiologist.....	187.50
McCord, J. N., unskilled laborer.....	72.00
Peterson, Fred O., special agent.....	481.67
Peterson, Wm. Arnold, farm superintendent.....	402.23
Riley, J. M., unskilled laborer.....	6.00
Toler, John I., unskilled laborer.....	525.63

Total salaries.....	1,746.03
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Field work: Inspection and supervision of experimental plantings, study of market conditions as to manufacture and sale of Egyptian cotton, and necessary travel.....	11.10
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Miscellaneous: Field expenses, implements, labor, etc.....	33.28
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Total expenditures.....	1,790.41
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## VII. COTTON STANDARDIZATION.

Allotment.

Outline of work: Investigation of methods of classifying and grading cottons.....	\$1,783.32
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Expended as follows:

Salaries (lump-fund roll): Bennett, Robert L., special agent.....	1,000.00
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Field work: Study of market conditions, consultation with cotton dealers, ginners, and practical farmers, etc., and necessary travel.....	652.31
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## VII. COTTON STANDARDIZATION—continued.

	Allotment.
Miscellaneous: Office and laboratory supplies, telegraph and telephone, express charges, etc.....	\$131. 01
Total expenditures.....	1,783. 32
Appropriation: Cotton boll weevil investigations, 1907-1908 (immediately available).	

*Cotton culture farms.*

	Allotment.
Outline of work: Demonstration work on several hundred farms of co-operators, who cultivate their crops in accordance with instructions and under the supervision of a corps of special agents.....	\$40,000. 00
Expended to June 30, 1907.....	6,405. 64
Balance available to June 30, 1908.....	33,594. 36

Expended as follows:

## Salaries (lump-fund roll):

Allen, C. E., special agent.....	\$1,280. 00	
Alford, G. H., special agent.....	332. 50	
Anderson, John C., special agent.....	75. 00	
Ballard, John, special agent.....	395. 00	
Bamberge, William M., collaborator.....	1,041. 67	
Bean, M. G., special agent.....	375. 00	
Black, J. H., special agent.....	375. 00	
Cook, C. M., special agent.....	377. 50	
Cowdin, Eugene P., special agent.....	900. 00	
Davidson, R. C., special agent.....	960. 00	
Dellinger, John E., special agent.....	375. 00	
Frierson, Lucy H., clerical assistant.....	40. 00	
Gigleux, E. J., special agent.....	210. 00	
Glover, R. W., special agent.....	300. 00	
Graham, T. L., special agent.....	270. 00	
Green, Edgar, special agent.....	427. 50	
Huffman, L. J., special agent.....	1,280. 00	
Huffman, Marshall E., special agent.....	375. 00	
Kimbell, William E., special agent.....	367. 50	
Kuykendall, Montroville, special agent.....	300. 00	
McKnight, Hiram L., special agent.....	895. 00	
McWilliams, J. T., special agent.....	1,040. 00	
Meyer, D. C., special agent.....	375. 00	
Moss, Benjamin L., special agent.....	702. 67	
Murphy, J. C., special agent.....	387. 50	
Orms, G. W., special agent.....	1,157. 33	
Owens, L. D., special agent.....	375. 00	
Plunkett, T. O., special agent.....	1,500. 00	
Pruitt, G. H., special agent.....	1,320. 00	
Raines, J. M., special agent.....	377. 50	
Risher, G. F., special agent.....	375. 00	
Roberts, S. A., special agent.....	412. 50	
Scott, A. J., special agent.....	375. 00	
Stallings, William C., special agent.....	800. 00	
Smith, George T., special agent.....	112. 50	
Sutton, G. R., special agent.....	1,120. 00	
Swaty, D. R., special agent.....	30. 00	
Terrell, T. E., special agent.....	1,200. 00	
Tom, J. H., special agent.....	450. 00	
Utts, A. J., special agent.....	360. 00	
Wade, J. A., special agent.....	240. 66	
		23,662. 33

Total salaries.....	23,662. 33
Field work: Cooperation with practical cotton growers, inspection of demonstration fields, and necessary travel.....	9,932. 03
Total expenditures, fiscal year 1908.....	33,594. 36

## FOREST SERVICE.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Forest Service, 1908, \$143,200."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pinchot, Gifford	Forester, at \$5,000.	\$5,000.00	\$901.33
McVean, Milton J.	Clerk, at \$2,100.	2,100.00	347.90
Anderson, George G.	Clerk, at \$1,900.	1,899.99	34.00
Hill, Harry L.	Clerk, class 4.	1,800.00	
Melzar, Ernest A.	do.	1,800.00	810.61
Satterlee, Jerome B.	do.	1,800.00	147.38
Tibbott, Oswald H.	do.	1,800.00	
Metcalf, Hermon C.	do.	1,050.00	30.10
Craft, Quincy R.	do.	750.00	254.30
Shir-Cliff, Wm. H.	Clerk, at \$1,700.	1,700.00	
Lees, Fred	do.	1,345.83	
Staley, William F.	do.	354.17	
Craft, Quincy R.	do.	991.66	
Helphenstine, R. K., jr.	do.	708.34	41.05
Duffy, John J.	Clerk, class 3.	1,000.00	
Fuchs, William R.	Clerk, at \$1,500.	1,500.00	
Squire, Chas. H.	do.	1,500.00	41.05
Williams, Gross H.	Clerk, class 2.	1,400.00	
Smith, A. Mark.	do.	1,050.00	1,214.52
Moore, Felix T.	do.	318.89	35.50
Helphenstine, R. K., jr.	Clerk, at \$1,300.	758.33	
Rowden, Charles H.	do.	541.67	
Allen, Fannie M.	Clerk, class 1.	1,200.00	
Frost, Edna M.	do.	1,200.00	
Latimer, Mary R.	do.	1,200.00	
Loving, Hamilton I.	do.	1,200.00	
Mangan, William J.	do.	1,200.00	
Stoddart, Grace M.	do.	1,200.00	
Strause, Florence D.	do.	1,200.00	
Rowden, Charles H.	do.	700.00	
Stockbridge, Helen E.	do.	500.00	
Bain, Virginia M.	Clerk, at \$1,100.	1,100.00	
Gage, Charles E.	do.	1,100.00	404.04
Simonson, Edith.	do.	1,100.00	
Young, Effie M.	do.	1,100.00	
Whittleton, Robert R.	do.	1,053.34	72.05
Koschwitz, Anna P.	do.	1,029.72	
Stockbridge, Helen.	do.	641.66	
Rector, L. Belle.	do.	458.34	
Bradford, Virginia P.	Clerk, at \$1,000.	1,000.00	
Echtermann, Martha M.	do.	1,000.00	
Enoch, H. H.	do.	1,000.00	
Gill, Sue McLure.	do.	1,000.00	
Moorman, Thomas M.	do.	1,000.00	
Ruppel, Albert.	do.	1,000.00	
Totten, Sarah G.	do.	1,000.00	
Stabler, Elsie B.	do.	975.00	
Conway, Lillian T.	do.	83.33	
Bechtold, Frank E.	do.	916.67	
Brothers, Charles S.	do.	833.33	201.15
McPherson, L. R.	do.	125.00	
Rector, L. Belle.	do.	583.33	
Seaton, S. F.	do.	416.67	
Blackley, Belle B.	Clerk, at \$900.	900.00	
Kellerhouse, Lucy C.	do.	900.00	
McFadden, Stella R.	do.	900.00	
Morris, Albert.	do.	900.00	
Mosher, Edith R.	do.	900.00	
Miller, Mary T.	do.	825.00	
Gannett, Mary C.	do.	755.00	
McPherson, L. R.	do.	787.50	
Love, Clara F.	do.	112.50	
Seaton, Sarah F.	do.	525.00	
Meynes, Alice M.	do.	375.00	
Bechtold, Frank E.	do.	75.00	
Stewart, Lula.	do.	825.00	
Brower, Lulu.	do.	525.00	
Gartrell, L. R.	do.	375.00	
Wiley, Albert A.	do.	420.00	
Burnham, Jennie B.	do.	477.50	
Cunningham, M. V.	Clerk, at \$800.	800.00	
Emerson, Nellie E.	do.	800.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Forest Service, 1908, \$143,200"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Flanagan, Susanna.	Clerk, at \$800.	\$800.00	
Hawkins, Cora J.	do.	800.00	
Owen, Nina.	do.	800.00	
Pence, Zula F.	do.	800.00	
Ramsaur, Sue W.	do.	800.00	
Rhode, Rosemary.	do.	800.00	
Rule, Mattie F.	do.	700.00	
Love, Clara F.	do.	100.00	
Pegram, Anne Holt.	do.	615.54	
Sanderlin, Pattie.	do.	42.22	
Jackson, Leona.	do.	600.00	
MacFate, Elizabeth L.	do.	200.00	
Huff, Nellie.	do.	466.66	
Gartrell, Laura R.	do.	333.34	
Tonks, Ann M.	do.	466.66	
Meynes, Alice M.	do.	333.34	
Shelton, Rosalie McK.	do.	466.66	
Pickett, Ruby H.	do.	333.34	
Davidson, A. B.	do.	431.10	
Childs, Mary M.	do.	366.67	
Holberg, Hilda J.	do.	375.55	
Burnham, Jennie B.	do.	424.45	
Pryor, A. A.	do.	244.44	
Munce, Stella W.	do.	553.34	
Wharton, Georgia E.	do.	66.66	
Stewart, Lula.	do.	628.89	
Rancke, Lillian V.	Translator, at \$800.	700.00	
Berry, Mabel.	Clerk, at \$700.	700.00	
Hobgood, Mary L.	do.	700.00	
Judson, Blanche A.	do.	700.00	
Kuntz, Celia B.	do.	700.00	
McLaurin, S. L.	do.	700.00	
Robinson, Laura J.	do.	700.00	
Ruth, Clara.	do.	700.00	
Stein, Hattie.	do.	700.00	
Taylor, Jennie.	do.	700.00	
Williams, Katherine.	do.	698.06	
Felder, Hattie E.	do.	612.50	
Bowne, Grace L.	do.	663.05	
Jackson, Leona.	do.	36.95	
Linell, Ellen M.	do.	612.50	
Pegram, Anne Holt.	do.	87.50	
Joynt, M. L.	do.	583.33	
Hawkins, Anna.	do.	81.66	
Sneed, Anna H.	do.	525.00	
McGregor, Lillian.	do.	159.44	
Krause, L. A.	do.	408.33	
Manderfield, Bina.	do.	291.67	
O'Toole, Mary.	do.	408.33	
Davidson, Augusta B.	do.	291.67	
Barton, M. A.	do.	408.33	
Tonks, Ann M.	do.	233.33	
Bartmess, Edith H.	do.	31.12	
Zinssmeister, G. M.	do.	408.33	
Shelton, Rosalie McK.	do.	379.17	
Imhoff, Lillie V.	do.	320.84	
Holberg, Hilda J.	do.	328.60	
Kendig, Laura L.	do.	371.40	
Pryor, Ann A.	do.	272.22	
Coale, E. R.	do.	416.11	
Anderson, Marjorie F.	do.	260.55	
Leech, Elizabeth B.	do.	429.73	
DePutron, Edith S.	do.	260.55	
Carman, E. M.	do.	215.83	
Nordeen, Caroline.	do.	484.17	
Goldsmith, G. N.	do.	58.33	
Wharton, Georgia E.	do.	641.67	
O'Leary, Katherine M.	do.	600.00	
Weaning, M. M.	do.		
Simonson, Marie.	do.		
Bernhardt, E. J.	Clerk, at \$600.		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Forest Service, 1908, \$143,200"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Daniel, Lena A.	Clerk, at \$600.	\$600.00	
Glase, Cornelia	do.	600.00	
Keating, Edith F.	do.	600.00	
Patterson, H. R.	do.	600.00	
Pennebaker, Rosa C.	do.	600.00	
Riddell, L. G.	do.	600.00	
Walton, Janet I.	do.	600.00	
Stillwell, Mary S.	do.	591.67	
Barton, Mabel A.	do.	350.00	
Steely, Edna V.	do.	250.00	
O'Toole, Mary.	do.	350.00	
Carpenter, Helen F.	do.	250.00	
Imhoff, Lillie V.	do.	340.00	
Anderson, Lottie L.	do.	250.00	
Kendig, Laura L.	do.	325.00	
Miner, Charlotte C.	do.	275.00	
Goldsmith, G. N.	do.	311.67	
Decker, Martha M.	do.	288.33	
Arnold, Mabel.	do.	275.00	
Chappel, E. C.	do.	325.00	
Leech, Elizabeth B.	do.	241.67	
Hoffman, Ethel T.	do.	133.33	
Igoe, Celestine.	do.	225.00	
Carman, Elida M.	do.	231.67	
Dow, Annie M.	do.	368.33	
Simonson, Marie.	do.	50.00	
O'Leary, Katherine M.	do.	135.00	
Eisenstein, Jennie C.	do.	415.00	
Kolb, Charles A.	Draftsman, at \$1,800.	1,800.00	
Witherow, John M.	Draftsman, at \$1,400.	1,400.00	
Taylor, Charles L.	do.	1,400.00	
Noel, J. S.	Draftsman, at \$1,200.	1,200.00	
Tripp, Homer F.	do.	1,200.00	
Brenizer, Nellie W.	Artist, at \$1,000.	1,000.00	
Noel, Joseph C.	Draftsman, at \$1,000.	1,000.00	
Trembley, Guy T.	do.	1,000.00	
Gosorn, Charles B.	do.	83.33	
Coleman, T. C.	do.	916.67	
Kettler, Elise.	do.	238.88	
Hilton, George.	do.	761.12	
Varela, Arthur G.	Photographer, at \$1,400.	1,400.00	\$29.15
Shipp, E. S.	Photographer, at \$1,200.	1,200.00	
Blum, Arthur S.	Photographer, at \$1,000.	1,000.00	
Speller, Turner R.	Messenger, at \$720.	720.00	
Stack, John W.	do.	702.00	
Brown, Henry D.	do.	588.00	
Sullivan, J. F.	do.	132.00	
Santucci, Joseph.	do.	360.00	18.90
Ellis, Maude.	do.	360.00	
Markwood, Wesley.	Messenger, at \$700.	700.00	
Ellis, Maude.	do.	350.00	
Goshen, George W.	do.	175.00	
Sullivan, J. F.	do.	31.11	
Marmion, Bessie.	do.	128.34	
Do.	Messenger, at \$600.	490.00	
Locknane, J. M.	do.	110.00	
Sullivan, J. F.	do.	375.00	
Sudler, W. L.	do.	136.67	
Garrett, C. W.	do.	350.00	
Goshen, George W.	do.	300.00	
Queen, Clifford F.	Messenger, at \$400.	133.33	
Hickey, J. A.	do.	166.67	
Downey, M. J.	do.	91.11	
Hoffman, George L.	do.	118.89	
Sudler, W. L.	do.	190.00	
Munchmeyer, Fred S.	do.	91.11	
Mansuy, John S.	do.	66.66	
Locknane, J. M.	do.	260.01	
Spellbring, John A.	do.	73.33	
Austin, Charles T.	Carpenter, at \$1,000.	1,000.00	
Flaner, John.	Carpenter, at \$720.	540.00	
Thies, H. H. W.	do.	156.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Salaries, Forest Service, 1908, \$143,200"*—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Fowler, Geo. V.....	Watchman, at \$700.....	\$700.00	.....
Walter, Wm. L.....	do.....	700.00	.....
Nelson, John E.....	do.....	324.72	.....
Fuchs, Robert H.....	do.....	157.50	.....
Lee, Robert E.....	Electrician, at \$700.....	700.00	.....
Total amount of appropriation.....		\$143,200.00	
Total amount paid for salaries.....		141,879.08	
Unexpended balance.....		1,320.92	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Forest Service, 1908, \$1,756,800."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Price, Overton W.....	Associate forester, at \$3,500.....	\$3,500.00	\$698.08
Adams, James B.....	Assistant forester, at \$3,000.....	3,000.00	1,189.28
Hall, William L.....	do.....	2,000.00	90.10
Bruce, Eugene S.....	Expert lumberman, at \$3,000.....	1,500.00	486.95
Potter, A. F.....	Assistant forester, at \$2,800.....	2,800.00	767.40
Sudworth, Geo. B.....	Assistant forester, at \$2,700.....	2,700.00	234.29
Sherrard, Thomas H.....	Assistant forester, forest supervisor, and temporary special disbursing agent, at \$2,700.....	1,350.00	651.75
Cox, William T.....	Assistant forester, at \$2,400.....	2,400.00	999.45
Crawford, Carl G.....	Chief of wood preservation and specialist in wood preservation, at \$2,500.....	2,500.00	997.23
Pollock, George F.....	Chief of lands and principal examiner, at \$2,500.....	1,916.67	818.41
Shaw, Alexander C.....	Principal examiner, at \$2,500.....	2,500.00	876.84
Carter, E. E.....	Chief of management and assistant forester, at \$2,200.....	2,200.00	1,119.92
Chapman, Chas. S.....	Chief of organization and assistant forester, at \$2,200.....	2,200.00	1,364.79
Cramer, H. B.....	Chief office of accounts and fiscal agent, at \$2,200.....	776.12	.....
King, Geo. E.....	Fiscal agent, at \$2,200.....	2,200.00	.....
Plummer, Fred G.....	Civil engineer and geographer, at \$2,200.....	2,200.00	476.70
Spring, S. N.....	Chief of extension, at \$2,200.....	2,200.00	585.12
Kellogg, R. S.....	Chief of wood utilization, at \$2,000.....	1,833.33	945.24
Weigle, W. G.....	Assistant chief of management, at \$2,000.....	2,000.00	1,557.51
Zon, Raphael.....	Chief of silvics, at \$2,000.....	2,000.00	595.23
Ringland, Arthur C.....	Chief reservation, boundaries, and chief settlement, at \$1,500, and chief lands, at \$1,800.....	1,625.00	922.38
Leavitt, Clyde.....	Assistant chief organization and chief organization, at \$1,800.....	1,800.00	858.11
Cecil, George H.....	Assistant chief of organization, at \$1,700.....	566.67	902.82
Clapp, Earle H.....	Chief of timber sales and chief of management, at \$1,700.....	1,700.00	1,163.65
Detwiler, S. B.....	Chief cooperation, extension, and forest assistant, at \$1,700.....	283.33	180.25
Cline, McGarvey.....	Chief wood uses, at \$1,600, and assistant chief wood utilization, at \$1,800.....	1,700.00	1,261.77
Record, Samuel J.....	Chief reconnaissance, management, and forest supervisor, at \$1,600.....	800.00	580.89
von Bayer, W. H.....	Chief reconnaissance, extension, at \$1,400.....	1,400.00	653.33
Frothingham, Earl H.....	Chief compilation, at \$1,200.....	1,200.00	307.56
Chittenden, Alfred K.....	Forest inspector, at \$2,000, and inspector, at \$2,400.....	673.33	.....
Kneipp, Leon F.....	Inspector, at \$1,800, and chief of control, at \$2,000.....	1,900.00	1,723.42

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Barnes, Will C.	Inspector of grazing, at \$1,800 and \$2,000.	\$1,516.67	\$727.92
Adams, Charles H.	Inspector, at \$1,800.	1,800.00	1,065.44
Clos, W. C.	do.	1,800.00	765.35
Campbell, J. K.	Inspector of grazing, at \$1,200 and \$1,500.	1,430.00	914.61
Tidestrom, Ivar.	Scientific assistant, at \$1,200 and \$1,500.	773.33	351.50
Fetheroff, James M.	Inspector, at \$1,600.	1,200.00	991.70
Herring, W. E.	Chief of engineering, at \$2,400.	1,600.00	1,754.50
Benton, Wm. H.	Constructing engineer, at \$1,800.	525.00	142.59
Kramer, Edwin W.	do.	900.00	488.28
Martin, Joseph P.	do.	900.00	504.75
Mesnard, Ralph E.	do.	850.00	582.92
Nespital, Wm. C. F.	do.	950.00	757.47
Wales, F. C.	do.	900.00	512.63
Work, Joseph Y.	Assistant engineer, at \$1,800.	900.00	611.40
Homans, G. Morris.	Assistant chief timber sales and chief timber sales, at \$1,700.	1,700.00	661.90
Betts, Harold S.	Engineer in timber tests, at \$1,700.	1,700.00	515.15
Joy, F. R.	Constructing civil engineer, at \$1,600.	533.33	731.23
Herring, A. L.	Civil engineer, at \$1,600.	341.66	345.83
Mitchelson, Albert T.	Assistant engineer, at \$1,500, and construction engineer, at \$1,800.	775.00	728.31
Jones, E. H.	Civil engineer and constructing civil engineer, at \$1,500.	750.00	366.40
Cater, Frederick W.	Constructing engineer, at \$1,500.	383.33	238.12
Hughel, Niles.	Civil engineer, at \$1,500, and constructing civil engineer, at \$1,400.	744.17	477.41
Wheaton, W. R.	Engineer in timber tests and chief section of national forest timbers, at \$1,400.	1,400.00	1,014.75
Knapp, J. B.	Engineer in timber tests, at \$1,400.	1,050.00	433.92
Thelen, Rolf.	do.	1,050.00	169.55
Smith, Percy G.	Constructing engineer, at \$1,200.	260.00	122.08
Day, T. L.	Telephone expert, at \$1,500.	750.00	310.45
Leslie, E. E.	Telephone lineman and repairman, at \$65 per month.	455.00	636.41
Miller, L. C.	Chief of planting, at \$1,800.	1,800.00	1,079.30
d'Allemand, B. R. H.	Forest planting assistant, at \$900.	600.00	120.40
Fetheroff, N. J.	do.	450.00	.....
Muzzall, H. C.	do.	375.00	.....
Turner, Harry C.	do.	450.00	92.90
Besley, La Moree.	Forest planting assistant, at \$800.	246.67	.....
Hamilton, Edwin M.	Lumberman, at \$1,800 and \$2,200.	931.67	239.07
La Fountain, W. E.	Lumberman, at \$1,800.	1,800.00	901.82
Norton, A. J.	do.	1,800.00	615.09
Andrews, William T.	Lumberman, at \$1,500.	1,500.00	700.20
Baird, John S.	do.	1,500.00	266.81
Burns, Mark.	do.	1,500.00	289.89
Cott, George L.	do.	1,500.00	1,048.72
Gregg, George P.	do.	1,500.00	909.72
Hughes, John P.	do.	1,500.00	1,299.14
McKinnon, William R.	do.	1,500.00	456.07
Salzman, F. X.	do.	504.17	276.45
Uhler, William S.	do.	1,000.00	438.55
Braniff, Edward A.	Forest assistant, at \$5 per diem and \$1,800.	825.00	454.85
Kobbe, William H.	Forest assistant, at \$1,800.	400.00	.....
Tompkins, H. J.	Forest assistant, at \$1,700 and \$1.25 per diem.	1,080.01	.....
Clothier, George L.	Forest assistant, at \$1,600, collaborator, at \$12, and forest assistant, at \$1,600.	413.41	268.51
Tiemann, Harry D.	Forest assistant and forest assistant and engineer in timber tests, at \$1,600.	1,453.32	175.32
Peters, J. Girvin.	Forest assistant and forest examiner, at \$1,600.	1,600.00	373.19
Woodward, Karl W.	do.	400.00	372.59
Zeigler, E. A.	Forest assistant and chief computer, at \$1,600.	1,488.88	504.24
Morrill, Walter J.	Forest assistant, at \$1,500 and \$1.25 per diem.	887.92	.....
Maule, William M.	Forest assistant, at \$1,500 and 50 cents per diem.	842.00	.....
Nelson, John M., jr.	Forest assistant and chief section railroad and mine timbers, at \$1,500.	250.00	495.97
Sherfese, W. F.	Forest assistant, assistant chief, office of wood preservation, and chief, office of wood preservation, at \$1,500.	1,375.00	270.72
Ashe, W. W.	Forest assistant, at \$1,500.	583.33	24.95

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Hale, Harry M.	Forest assistant, at \$1,500.	\$1,062.00	\$596.67
Holmes, John S.	Forest assistant and forest examiner, at \$1,500.	787.50	548.26
Weiss, Howard F.	Forest assistant and chief section of research, at \$1,500.	904.17	229.46
Chapman, Herman H.	Forest assistant, at \$4.50 per diem and \$1,500 and expenses.	86.92	211.05
Reynolds, Robert V. R.	Forest assistant, at \$1,500.	1,500.00	1,010.15
White, L. L.	Forest assistant and inspector, at \$1,500.	1,125.00	955.22
Ayres, Robert W.	Forest assistant, at \$1,400, and at \$1,400 and \$1.25 per diem.	892.92	397.85
Bridges, John H.	Forest assistant, at \$1,400 and \$1.25 per diem.	930.00	39.85
Harris, P. T.	Forest assistant and forest examiner, at \$1,400.	1,283.33	599.69
Mell, C. D.	Forest assistant, at \$1,400.	1,283.33	210.25
Boisen, A. T.	do.	1,400.00	728.28
Flintham, Stuart J.	Forest assistant and inspector, at \$1,500.	1,000.00	690.00
Smith, Clinton G.	Forest assistant, at \$1,400 and \$1.25 per diem.	924.86	
Buck, Clarence J.	Forest assistant, at \$1,400.	700.00	176.63
Hill, C. L.	do.	1,400.00	397.60
Hodson, E. R.	do.	1,400.00	387.20
Mackaye, Benton	do.	466.67	153.96
Margolin, Louis	do.	1,400.00	546.19
Miller, Frank G.	do.	283.89	229.40
Smith, C. Stowell.	Forest assistant, chief section of farm timbers, at \$1,400.	1,400.00	518.92
Sterrett, W. D.	Forest assistant, at \$1,400.	1,050.00	697.92
Kelleter, Paul D.	Forest assistant, at \$1,300 and \$1,400.	1,396.12	1,124.92
Keach, John E.	Forest assistant, at \$1,300 and \$1.25 per diem.	880.00	101.42
Pratt, M. B.	do.	1,025.84	249.75
Neel, Harry C.	Forest assistant, at \$1,300, and at \$1,300 and \$1.50 per diem.	741.50	276.80
Merrill, H. G.	Forest assistant, at \$1,300, and at \$1,300 and \$1.25 per diem.	785.00	57.75
Dunlap, Frederick	Forest assistant, at \$1,300.	1,300.00	
Eastman, H. B.	do.	812.50	217.44
Hadley, Walter B.	do.	577.77	233.40
Holroyd, H. B.	do.	1,300.00	716.21
Mast, Wm. H.	do.	812.33	641.30
Patterson, Allan B.	do.	108.34	
Smith, Stanton G.	do.	1,300.00	881.45
Swan, O. T.	do.	433.33	1,108.09
Warner, Joseph De Witt	do.	1,300.00	882.35
Phillips, Frank J.	Forest assistant, at \$1,300, collaborator, at \$12, and forest assistant, at \$1,300.	334.00	182.03
Peck, A. S.	Forest assistant, at \$1,200, and chief cooperation extension, at \$1,500.	1,350.00	854.54
Stahler, H. O.	Forest assistant, at \$1,200, and chief boundaries, at \$1,400.	1,300.00	426.97
Allison, John H.	Forest assistant, at \$1,200 and \$1.50 per diem.	876.00	112.30
Brown, H. J.	do.	637.67	
Read, A. D.	Forest assistant, at \$1,200 and \$1.50 per diem, and at \$1,200 and \$1.25 per diem.	863.25	35.05
Rodman, Douglas	Forest assistant, at \$1,200 and \$1.50 per diem.	876.00	75.40
Stodley, Horace F.	do.	566.50	212.98
White, Wilfred W.	Forest assistant, at \$1,200 and \$1.25 per diem, and forest supervisor, at \$1,500.	753.34	
Morrell, Fred W.	Forest assistant, at \$1,200 and \$1.25 per diem, and inspector, at \$1,200 and \$1,400.	1,013.34	760.80
Bruins, J. Frank	Forest assistant, at \$1,200 and \$1.25 per diem.	830.00	77.65
Cohon, Anson E.	Forest assistant, at \$1,200 and \$1.25 per diem, and deputy forest supervisor, at \$1,200.	662.50	438.02
Powers, Allan R.	Forest assistant, at \$1,200 and \$1.25 per diem and at \$1,200.	430.83	147.80
Fromme, Rudo L.	Forest assistant and temporary special disbursing agent, at \$1,200 and \$1.25 per diem.	830.00	77.80
Flory, Charles H.	Forest assistant, at \$1,200 and \$1.25 per diem.	801.25	398.65
Foster, Harold Day	Forest assistant, at \$1,200 and \$1.25 per diem and at \$1,200.	677.50	214.39
Hammatt, Richard F.	do.	923.12	429.79
Kirkland, Burt P.	Forest assistant, at \$1,200 and \$1.25 per diem.	830.00	
Ramskill, Jerome H.	do.	830.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Bradfield, Wesley	Forest assistant, at \$1,200	\$900.00	\$293.22
Clifford, E. C.	do.	1,000.00	162.60
Eldredge, I. F.	do.	1,200.00	1,256.57
Galarneau, D. C. A.	do.	1,200.00	657.00
Guthrie, John D.	do.	1,200.00	1,240.67
Kempfer, William H.	do.	844.37	299.98
Oman, A. E.	do.	1,200.00	827.88
Piper, William Bridge	do.	700.00	334.87
Rebmann, Jeremiah	do.	756.67	504.91
Recknagel, A. B.	Forest assistant and chief, reconnoissance, at \$1,200.	1,200.00	861.68
Sackett, H. S.	Forest assistant, at \$1,200	1,000.00	806.69
Siecke, Eric O.	do.	300.00	249.23
Stuart, R. Y.	do.	900.00	549.78
Worthley, I. T.	do.	636.67	461.35
Moore, S. L.	Forest assistant and inspector, at \$1,200	900.00	733.32
Barton, J. Earle	Forest assistant, at \$1,100 and \$1.25 per diem, and deputy forest supervisor, at \$1,300.	881.17	445.02
Burrall, Harry D.	Forest assistant, at \$1,100 and \$1.50 per diem.	798.67	50.05
Coolidge, Philip T.	Forest assistant, at \$1,100 and \$1.25 per diem.	780.00	69.25
Dunston, Clarence E.	Forest assistant, at \$1,100 and \$1.25 per diem and at \$1,100.	1,253.74	338.53
Stickney, Mallory N.	Forest assistant, at \$1,100 and \$1.25 per diem	780.00	-----
Howarth, James A., Jr.	Forest assistant, at \$1,100	1,100.00	265.19
Humphrey, C. J.	do.	54.99	-----
Pierson, Albert H.	do.	916.66	453.68
Skeels, Dorr	Forest assistant, at \$1,000 and \$1.25 per diem, \$1,200 and \$1.25 per diem, and at \$1,200 and \$1.50 per diem.	858.80	201.05
Winkenwerder, Hugo A.	Forest assistant, at \$1,000 and at \$4 per diem	565.67	413.82
Drake, Willard M.	Forest assistant, at \$1,000 and \$1.50 per diem	776.00	-----
Balthis, Russell F.	Forest assistant, at \$1,000 and \$1.25 per diem	732.16	149.95
Butler, Ovid M.	do.	730.00	81.05
Granger, Chris. M.	do.	729.99	127.75
Janes, Lionel Leroy	Forest assistant, at \$1,000 and \$1.25 per diem, and at \$1,000 and \$1.50 per diem.	753.00	83.50
Kellogg, Frank B.	Forest assistant, at \$1,000 and \$1.25 per diem	729.99	-----
Lovejoy, Parish S.	do.	730.00	72.75
MacGuffey, Kingsley R.	Forest assistant, at \$1,000, and at \$1,000 and \$1.25 per diem.	615.00	171.85
Macduff, Nelson F.	Forest assistant, at \$1,000 and \$1.25 per diem	730.00	141.40
Murdock, John, Jr.	do.	730.00	104.00
Rogers, David Nathan.	do.	729.99	204.90
Stretch, Rolland A.	do.	730.00	-----
Whitney, Chester N.	do.	730.00	70.80
Terry, Elwood I.	Forest assistant, at \$1,000 and \$1.25 per diem and \$1,000 and \$1.50 per diem.	625.96	82.50
Backus, G. T.	Forest assistant, at \$1,000	233.34	18.20
Barrows, William B.	do.	991.67	197.90
Bates, Carlos G.	do.	1,000.00	759.83
Benedict, J. St. J.	do.	666.67	343.43
Crowell, Lincoln	do.	791.67	458.25
Dana, Samuel T.	do.	961.11	708.59
Dieffenbach, Rudolph J.	do.	266.67	-----
Foster, John Harold	do.	499.99	533.42
Hayes, William P.	do.	500.00	355.75
Judd, Charles S.	do.	1,000.00	713.70
Kupfer, Carl A.	do.	1,000.00	645.56
Kummel, Julius F.	do.	1,000.00	285.35
MacMurray, R. M.	do.	750.01	565.58
Mason, D. T.	do.	1,000.00	742.33
Murphy, Louis S.	do.	563.90	642.02
Oakleaf, Howard B.	do.	197.23	-----
Pearson, Gustaf A.	do.	583.33	70.65
Rosenbluth, Robert	do.	83.33	-----
Willis, Clarence P.	do.	266.67	45.67
Lull, Gerard B.	Forest assistant, at \$300	300.00	-----
Shipp, Thomas R.	Expert, at \$3,000	2,250.00	502.90
Vogel, Frank	Forest expert, at \$3,000	1,475.00	177.34
Smith, Herbert A.	Expert and editor, at \$2,700	2,700.00	373.78

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Wells, Philip P.	Expert and law officer, at \$2,700	\$2,700.00	\$34.55
Maxwell, Hu	Expert, at \$2,000	2,000.00	
Harvey, F. L.	Expert and chief of claims, at \$1,800	1,800.00	
Cleveland, T., Jr.	Expert, at \$1,800	1,800.00	
Cross, Samuel M.	do	295.00	106.02
Hatt, W. K.	do	1,800.00	321.34
Pullman, Raymond W.	do	1,800.00	261.10
Burns, Findley	Expert and chief of publications, at \$1,600	1,600.00	171.25
Arnold, George S.	Expert, at \$1,500 and \$1,800	1,612.50	869.70
Adams, Bristow	Expert and chief distribution, at \$1,500	1,500.00	
Bristol, H. Stanley	Expert and chief of section of wood chemistry	1,500.00	370.05
Meekham, H. S.	Forest expert, at \$1,800	1,800.00	
Mulford, Walter	do	105.00	107.15
Adams, Daniel W.	Forest expert, at \$1,500	462.50	176.15
Darling, Elbert H.	do	970.83	734.51
Burrell, G. A.	do	254.17	53.24
Fletcher, Elmer D.	do	208.33	72.43
Geer, William C.	do	125.00	89.47
Pierce, Charles R.	do	1,500.00	388.98
Towers, H. C.	Expert and chief of purchase, at \$1,500	1,500.00	
Sutermelster, Edwin	Expert, at \$1,500	1,991.67	
Smith, Everett W.	Expert, at \$1,400	1,050.00	
Bateman, Ernest	Expert, at \$1,200	1,100.00	53.80
Cronin, P. D.	do	200.00	
Gipe, James C.	do	213.33	
Hawley, Lee F.	do	900.00	672.89
Lane, E. A.	do	833.33	
Sampson, Arthur W.	Expert in plant ecology, at \$1,200	700.00	193.30
Smith, Franklin H.	Expert, at \$1,200	396.67	359.13
von Wernstedt, L.	Forest expert, at \$1,200	1,200.00	1,237.28
Shull, J. Marion	Expert dendrology artist, at \$1,200	700.00	
Thayer, A. L.	Expert field extension of claims, at \$3 per diem	612.00	526.32
Berry, Swift	Forest expert, at \$1,000, and at \$1,000 and \$1.25 per diem	701.95	55.15
Barnum, Charles T.	Expert, at \$1,000	250.00	66.16
Ogier, George R.	do	305.56	219.77
Barney, Serope Y.	do	500.00	53.56
Wheeler, Blucker L.	Expert miner, at \$1,000	94.45	128.20
Winslow, Carlisle P.	do	322.22	243.90
Preston, John F.	Expert and forest assistant, at \$1,000	1,000.00	930.72
Tillotson, M. R.	Expert, at \$900	40.00	
Cary, Austin	Expert, at \$300	330.00	
Leland, J. D.	Examiner, at \$2,000	166.66	
Ellis, Don Carlos	Clerk, examiner, at \$1,200	700.00	
Lees, Fred	Law clerk, at \$1,700	354.17	
Bloom, Joseph Gray	Law clerk, at \$1,600	168.90	
Cowgill, Guy M.	Law clerk, at \$1,000	166.11	
Everett, Lloyd T.	do	655.55	
Follen, Charles F.	do	583.34	
Henderson, Walter C.	do	580.56	482.70
Quiggle, Edmund B.	do	566.67	
Miller, Charles C.	Law clerk, at \$900	150.00	
Gardner, William F.	Land law clerk, at \$900 and \$1,000	770.00	
Law, Frank A., Jr.	do	617.50	
Burch, John E.	Land law clerk, at \$900	575.00	
Cramer, James W.	do	355.00	
Daingerfield, V.	do	142.50	
Gardner, Annie K.	do	225.00	
Griffin, Gerald	do	225.00	
Hunt, S. A.	do	355.00	
Lockett, George S.	do	515.00	
Riggles, Harry S.	do	225.00	
Ross, Phebe A.	do	142.50	
Sullivan, H. M.	do	142.50	
Yoder, Frank W.	do	377.50	
Aunett, Cecil B.	Expert in business methods, at \$275 per month	302.50	
Gould, John W. DuB.	do	302.50	
Staley, William F.	Clerk, at \$1,700	1,345.83	179.40
Peyton, J. S.	Clerk, at \$1,600	1,600.00	
Strong, L. M.	do	1,600.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Swan, John S.	Clerk, at \$1,400.	\$910.00	
Wilhite, C. O.	do.	1,120.00	
Dutrow, B. H.	do.	1,400.00	
Flack, J. G.	Property clerk, at \$1,200.	1,200.00	
O'Toole, Martin J.	Tariff clerk, at \$1,200.	136.67	
Downs, Norman L.	Clerk, at \$1,200.	633.33	
Adams, B. E.	do.	1,200.00	
Bembry, Burnett W.	do.	600.00	
Bentley, Geo. A.	do.	300.00	
Busch, Simon H.	do.	750.00	
Campbell, R. L.	do.	1,200.00	
Carrico, Andrew H.	do.	810.00	
Conner, Robert E.	do.	146.67	
Cousins, Albert H.	do.	1,136.67	
Irion, Harry.	do.	350.00	
Kerrick, J. H.	do.	780.00	
Moore, Felix T.	do.	376.67	
Seip, Homer A.	do.	500.00	
Stump, William C.	do.	523.33	
Urbanowicz, John A.	do.	446.67	
Wiley, Clarence.	do.	686.67	
Whittleton, R. R.	Clerk, at \$1,100.	46.66	
Buck, Shirley.	Clerk, at \$1,000 and \$1,200.	800.00	
Jeffrey, George L.	Clerk, at \$1,000 and \$1.50 per diem, and at \$1,000.	515.00	
Cook, John W.	Clerk, at \$1,000.	233.34	
DePue, Raymond.	do.	63.90	
Gerhart, Herbert B.	do.	44.44	
Lewis, Lula.	do.	1,000.00	
Sherman, W. F.	do.	1,000.00	
Ely, M. W.	Clerk, at \$900.	375.00	
Fitch, William R.	do.	300.00	
Humphrey, Paul N.	do.	307.50	
Mac Fate, E. L.	do.	225.00	
Myers, E. G.	do.	900.00	
Reynolds, Bronte A.	do.	512.50	
Bennett, Bertha.	Clerk, at \$75 per month.	365.00	
Fairfax, L. E.	Clerk, at \$840.	840.00	
Nelson, John E.	Clerk, at \$800.	277.78	
Owens, N. A.	do.	400.00	
Sniffen, W. W.	Clerk, examiner, at \$720.	358.00	
Barksdale, Susie P.	Clerk, at \$720.	390.00	
Forsythe, Harriet.	do.	270.00	
Gittings, Nellie B.	do.	420.00	
Harrison, Louise T.	do.	720.00	
Pfizer, A. F.	do.	720.00	
Williams, Lydia A.	Clerk, at \$700.	486.11	
Adams, J. G.	Clerk, at \$600.	75.00	
Allen, Anna M.	do.	41.67	
Anderson, Lottie L.	do.	200.00	
Asquith, Bertha W.	do.	375.00	
Bailey, Blanche.	do.	158.33	
Bailey, Ethel.	do.	158.33	
Baker, Maude.	do.	58.33	
Barnhart, Eva S.	do.	300.00	
Bean, Minnie M.	do.	191.67	
Beckham, Mary V.	do.	326.67	
Bell, Erma F.	do.	325.00	
Bell, Maud A.	do.	575.00	
Blaine, Rebecca L.	do.	300.00	
Blount, L. Fannie.	do.	291.67	
Bouknight, Beulah.	do.	198.33	
Brader, Lucy I.	do.	313.33	
Brown, Bertha M.	do.	26.67	
Burroughs, Elizabeth H.	do.	148.33	
Calhoun, Katherine B.	do.	175.00	
Calnan, Katherine.	do.	313.33	
Carroll, Annie C.	do.	60.00	
Chapman, Marguerite F.	do.	395.00	
Cheeks, Martha F.	do.	60.00	
Clark, Elizabeth.	do.	300.00	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Forest Service, 1908, \$1,756,800"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Clauser, Anna M.	Clerk, at \$600.	\$383.33	
Daley, Mary L.	do.	300.00	
Damon, A. B.	do.	205.00	
Daniel, Margaret W.	do.	390.00	
Deaderick, M. B.	do.	336.67	
Decker, Martha M.	do.	311.67	
Eckstein, Edna E.	do.	133.33	
Edwards, Ethel Ione.	do.	98.34	
Eubank, Jane E.	do.	286.67	
Farnsworth, J. L.	do.	283.33	
Fillebrown, M. W.	do.	158.33	
Fitz Simons, Agnes C.	do.	128.33	
Foote, L. Marie.	do.	521.67	
Frazer, Frankie.	do.	50.00	
Gallene, Isabelle J.	do.	91.67	
Gantley, Helen G.	do.	25.00	
Gidney, Sarah E.	do.	396.66	
Gray, Bertha M.	do.	15.00	
Hall, Caroline E.	do.	60.00	
Harper, Elizabeth E.	do.	240.00	
Harris, Ruth.	do.	71.67	
Harriss, Bertha I.	do.	300.00	
Hart, Elsa S.	do.	300.00	
Haukness, Lulu E.	do.	300.00	
Hayward, Sue.	do.	15.00	
Helzer, Mabel S.	do.	186.67	
Herrell, Blount M.	do.	198.33	
Hooper, Stella B.	do.	26.67	
Hosley, Annie A.	do.	256.66	
Huff, Carrie.	do.	206.67	
Huff, Nellie.	do.	450.00	
Hughes, Willie M.	do.	16.67	
Hyatt, Helen.	do.	93.34	
Jacobi, Lydia.	do.	600.00	
Jones, Emily M.	do.	330.00	
Joynt, M. L.	do.	525.00	
Kernon, Clara J.	do.	330.67	
Kephart, Lillian E.	do.	16.67	
Kerley, Ophelia.	do.	423.33	
Kimmel, Gertrude L.	do.	336.67	
Kimmel, Nettie M.	do.	600.00	
Knode, Florence A.	do.	110.00	
Kuhn, Sarah E.	do.	370.00	
Leach, Ethel M.	do.	16.67	
Latham, E. O.	do.	450.00	
Livermore, Irma H.	do.	300.00	
McCoy, Louise W.	do.	290.00	
McDevitt, L. M.	do.	600.00	
McDonald, Mary.	do.	298.33	
McFall, C. B.	do.	158.33	
McFall, M.	do.	158.33	
McGraw, Etta B.	do.	600.00	
Maltby, Hazel.	do.	235.00	
Mellen, Anna A.	do.	298.33	
Miller, Carrie N.	do.	600.00	
Miller, Bertha R.	do.	301.67	
Miner, Charlotte C.	do.	293.33	
Mosley, Nannie M.	do.	25.00	
Mulford, Annabelle P.	do.	336.67	
Murphy, May F.	do.	300.00	
Nelson, Otie R.	do.	85.00	
Noyes, Mary.	do.	56.66	
Nugent, Ella M.	do.	305.00	
Obeymeyer, Herminie K.	do.	16.67	
O'Neal, Ida T.	do.	256.67	
O'Reilly, Mary E.	do.	175.00	
O'Rourke, I. M.	do.	358.34	
Owen, Mabel M.	do.	16.67	
Palisay, Blanche.	do.	600.00	
Palmer, Augusta B.	do.	371.67	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Parrott, Rosa H.	Clerk, at \$600.	\$100.00	
Peed, Hattie E.	do.	535.00	
Phillips, Emma B.	do.	553.34	
Phillips, Nannie W.	do.	300.00	
Pickrell, Nina.	do.	275.00	
Pierce, M. N.	do.	100.00	
Quigley, Mary E.	do.	600.00	
Randall, E. M.	do.	23.33	
Rathbun, C. M.	do.	250.00	
Rea, Eleanor M.	do.	356.67	
Rea, M. L. T.	do.	300.00	
Reinhardt, Susan T.	do.	393.33	
Ring, Mary L.	do.	298.33	
Rittue, H. V.	do.	325.00	
Rixey, L. E.	do.	450.00	
Roy, Helen B.	do.	340.00	
Scribner, Faith.	do.	300.00	
Steely, Edna V.	do.	86.67	
Stewart, Rose A.	do.	563.67	
Stockton, Winifred L.	do.	348.33	
Speed, Emma.	do.	95.00	
Smith, Alice E.	do.	336.67	
Smith, Grace C.	do.	76.67	
Smith, Lucy.	do.	158.33	
Smith, Marie.	do.	336.67	
Tate, Bertha L.	do.	16.67	
Temple, S. B.	do.	16.67	
Toomey, Isabella.	do.	300.00	
Tracy, Sarah V.	do.	345.00	
Trigg, Frances L.	do.	158.33	
Von der Linde, Alva.	do.	298.33	
Watkins, Emma S.	do.	248.34	
Watkins, Regina C.	do.	300.00	
Wallace, Margaret L.	do.	48.33	
Werts, Mamie E.	do.	16.67	
Wesseler, Lillian E.	do.	298.33	
Whelan, J. Q.	do.	505.00	
Williamson, Ethel C.	do.	25.00	
Yates, Nellie.	do.	46.67	
Payne, William E.	Clerk, at \$3.50 per diem.	36.00	
Munce, S. W.	Clerk, at \$800, and copyist, topographical draftsman, at \$1,000.	694.45	
Fegan, H. J.	Clerk, stenographer, and typewriter, at \$1,400, and law clerk, at \$1,600.	1,450.00	• \$198.89
Humeston, S. J.	Clerk, stenographer, and typewriter, at \$1,200.	600.00	
Howes, John W.	Clerk, stenographer, and typewriter, at \$1,000.	311.67	
Linton, H. B.	do.	733.34	
Marr, Arthur N.	do.	16.67	
Neis, Claudius J.	do.	833.34	
Stahlnecker, P. S.	do.	733.34	62.70
Windeler, A. E.	do.	319.45	
Wilson, Sidney.	Clerk, stenographer, and typewriter, at \$1,000, and forest guard, at \$900.	137.22	
Calcote, Allen I.	Clerk, stenographer, and typewriter, at \$900.	167.50	
DuBois, Arthur W.	do.	75.00	
Hemingway, Harry S.	do.	375.00	
Merz, Virginia.	do.	352.50	
Niedner, Frank.	do.	97.50	
Roche, Maria H.	do.	72.50	
Shields, Margaret J.	do.	202.50	
Timmons, Sara R.	do.	137.50	
Wilson, Grace.	do.	397.50	
Woodman, U. M.	do.	300.00	
Childs, Mary M.	Clerk, stenographer, and typewriter, at \$800.	164.44	
Larison, Dorothy F.	Clerk, stenographer, and typewriter, at \$720 and \$900.	282.50	
Cannon, Ollie B.	Clerk, stenographer, and typewriter, at \$720.	126.00	
McLaws, M. T.	do.	720.00	
Swenning, Olive C.	do.	240.00	

• Paid by Bureau of Animal Industry.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Womack, Preston.....	Clerk, stenographer, and typewriter, at \$600, and land law clerk, at \$900.	\$675.00	.....
Maxon, May C.....	Clerk, stenographer, and typewriter, at \$600 and \$700.	633.34	.....
Coale, Elsie R.....	Clerk, stenographer, and typewriter, at \$600, and clerk, at \$700.	281.67	.....
Gonter, Clara H.....	Clerk, stenographer, and typewriter, at \$700.	700.00	.....
Alexander, Emma C.....	Clerk, stenographer, and typewriter, at \$600.	175.00	.....
Armstrong, Jessie V.....	do.	103.34	.....
Armstrong, Kennett.....	do.	531.67	.....
Baker, M. E.....	do.	600.00	.....
Barkley, Lottie E.....	do.	55.84	.....
Bauskett, Emily.....	do.	555.00	.....
Brown, Nellie M.....	do.	121.67	.....
Bryan, Ethel V.....	do.	300.00	.....
Buchanan, Margaret C.....	do.	321.67	.....
Campbell, Susan T.....	do.	313.33	.....
Carpenter, Helen F.....	do.	350.00	.....
Carter, Susie E.....	do.	600.00	.....
Clark, Mary A.....	do.	100.00	.....
Colne, Harriet.....	do.	383.33	.....
Cranston, Claudia.....	do.	98.33	.....
Curtis, Mary.....	do.	115.00	.....
Curtis, Minnie B.....	do.	113.33	.....
Dow, Anna M.....	do.	231.67	.....
Edelen, Eoline K.....	do.	350.00	.....
Eisenstein, J. C.....	do.	185.00	.....
Estes, Ida D.....	do.	483.33	.....
Farquhar, Faith.....	do.	473.33	.....
Fenton, Sallie B.....	do.	211.67	.....
Foster, M. Adelaide.....	do.	60.00	.....
Gardner, Beryl G.....	do.	566.67	.....
Garth, Elizabeth V.....	do.	128.33	.....
Gay, Eva L.....	do.	583.33	.....
Hadden, Selma A.....	do.	165.00	.....
Hanna, Jane.....	do.	23.33	.....
Helnick, Louise A.....	do.	313.33	.....
Hendricks, Carrie L.....	do.	350.00	.....
Holcombe, L. M.....	do.	600.00	.....
Irving, E. G.....	do.	600.00	.....
Johnston, Florence E.....	do.	100.00	.....
Keen, Florence.....	do.	116.67	.....
Keenan, Alice E.....	do.	158.33	.....
Klock, Margaret E.....	do.	333.33	.....
Knight, Mabel E.....	do.	448.33	.....
Krause, L. A.....	do.	313.33	.....
Hoffman, Ethel T.....	Clerk, typewriter, at \$600, \$480, and \$600.	393.06	.....
Kidwell, Violet L.....	Clerk, typewriter, and mimeographer, at \$600.	460.00	.....
Langille, Letitia A.....	Clerk, stenographer, and typewriter, at \$600.	198.33	.....
Linell, E. M. A.....	do.	568.33	.....
Lyle, Ruth M.....	do.	395.00	.....
McClinton, C.....	do.	450.00	.....
Madsen, A. E.....	do.	520.00	.....
Moore, Mary E.....	do.	298.33	.....
Mourning, Bessie P.....	do.	266.67	.....
Nance, Nell W.....	do.	250.00	.....
Oertel, E. J.....	do.	45.00	.....
O'Gorman, Margaret.....	do.	71.67	.....
Owen, Abbie.....	do.	198.33	.....
Peacock, Eva M.....	do.	196.67	.....
Reed, Katherine L.....	do.	198.33	.....
Reese, Dora.....	do.	450.00	.....
Rentz, F. W.....	do.	450.00	.....
Riley, K. M.....	do.	600.00	.....
Riordon, Annie L.....	do.	95.00	.....
Ryan, Elizabeth.....	do.	491.67	.....
Scannel, Agnes V.....	do.	301.67	.....
Shekells, Mabel A.....	do.	325.00	.....
Shinn, Julia T.....	Clerk, stenographer, and typewriter, at \$1,000.	108.34	.....
Shirley, I. F.....	Clerk, stenographer, and typewriter, at \$600.	130.00	.....

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Forest Service, 1908, \$1,756,800"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Shrader, Pearl.....	Clerk, stenographer, and typewriter, at \$600....	\$553.33	.....
Simpson, Mary K.....	do.....	461.67	.....
Swing, Emily W.....	do.....	275.00	.....
Sobotka, M. D.....	do.....	15.00	.....
Steever, L. W.....	do.....	600.00	.....
Stone, Marie L.....	do.....	100.00	.....
Sweeny, Annie J.....	do.....	300.00	.....
Skinner, L. A.....	do.....	75.00	.....
Smith, Pearle R.....	do.....	450.00	.....
Thomson, M. G.....	do.....	450.00	.....
Van Kirk, Lucy H.....	Clerk, and clerk, stenographer, and typewriter, at \$600.	600.00	.....
Vansant, Elsie.....	Clerk, stenographer, and typewriter, at \$600.....	66.67	.....
Warren, Kate D.....	do.....	515.00	.....
Webb, J. B.....	do.....	600.00	.....
Wilkerson, S. Louise.....	do.....	275.00	.....
Wise, May.....	do.....	345.00	.....
Woodward, R. L.....	do.....	1.67	.....
Zinssmeister, Grace M.....	do.....	573.33	.....
Rowzee, Alberta N.....	Clerk, typewriter, and clerk, stenographer, and typewriter, at \$600.	526.67	.....
Jensen, Margaret E.....	Clerk, stenographer, and typewriter, at \$450.....	240.00	.....
Curtis, Maury C.....	Clerk, typewriter at \$1,000.....	333.34	.....
DeLoss, M. W.....	Clerk, typewriter, at \$700.....	700.00	.....
Holland, George W.....	do.....	287.78	.....
Schmidt, Carl H.....	do.....	145.84	.....
Anderson, Josephine R.....	Clerk, typewriter, at \$600.....	100.00	.....
Bartmess, Edith H.....	do.....	350.00	.....
Boyd, Adelaide T.....	do.....	275.00	.....
Brown, Theda S.....	do.....	300.00	.....
Burns, Gertrude J.....	do.....	150.00	.....
Chattaway, Olive B.....	do.....	53.33	.....
Coblentz, Alta Z.....	do.....	95.00	.....
Cockerill, Julia W.....	do.....	116.67	.....
Cohencions, Jessie L.....	do.....	100.00	.....
Coughlin, Cecelia M.....	do.....	115.00	.....
Cramer, Pearle.....	do.....	600.00	.....
Cunningham, Winifred.....	do.....	268.33	.....
Dickson, Jean J.....	do.....	160.00	.....
Draper, E. Anna.....	do.....	100.00	.....
Dunnington, Mildred.....	do.....	115.00	.....
Fague, Mary E.....	do.....	250.00	.....
Faut, Judith.....	do.....	88.33	.....
Fellheimer, Maud.....	do.....	115.00	.....
Follmer, Mae P.....	do.....	116.67	.....
Garlinger, Anna M.....	do.....	255.00	.....
Hayes, Agnes T.....	do.....	280.00	.....
Hazard, Eva.....	do.....	143.33	.....
Hosier, Margaret W.....	do.....	100.00	.....
Janney, Josephine H.....	do.....	160.00	.....
Jarvis, Lillian M.....	do.....	115.00	.....
Kenney, Carrie M.....	do.....	300.00	.....
Krumke, Olga R.....	do.....	151.67	.....
Latimer, Mabel C.....	do.....	268.33	.....
Marshall, Ella G.....	do.....	116.67	.....
Montrose, Carrie T.....	do.....	313.33	.....
Myers, Helen K.....	do.....	286.67	.....
O'Connell, Loretta E.....	do.....	100.00	.....
O'Leary, Katherine M.....	do.....	50.00	.....
Ourand, Myra E.....	do.....	151.67	.....
Palmer, Jessamine L.....	do.....	235.00	.....
Proctor, Maud S.....	do.....	250.00	.....
Randal, G. M.....	do.....	600.00	.....
Richmond, Robie L.....	do.....	380.00	.....
Sellers, Edna G.....	do.....	246.67	.....
Shuman, Mary B. C.....	do.....	60.00	.....
Thomas, Nina I.....	do.....	286.67	.....
Toepfer, Anna M.....	do.....	298.33	.....
Wade, Agnes T.....	do.....	66.66	.....
Wells, Mary I.....	do.....	160.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Chappel, Ethel C.....	Clerk, typewriter, at \$600 and \$480.....	\$173.34	.....
Middlehoff, E. L.....	Stenographer and typewriter, at \$300.....	275.00	.....
Rancke, L. V.....	Translator, at \$700.....	58.33	.....
Bassett, Charles C.....	Topographer, at \$1,800.....	1,500.00	\$335.50
Harrison, D. C.....	do.....	1,800.00	474.95
Gregory, Anna.....	Copyist, topographical draftsman, at \$1,080.....	540.00	.....
Stubbs, jr., James B.....	do.....	342.00	.....
Swedberg, Olga C.....	do.....	630.00	.....
Hart, Esther H.....	Copyist, topographical draftsman, at \$1,080 and \$1,000.....	640.01	.....
Bradford, T. A.....	Copyist, topographical draftsman, at \$1,000.....	133.34	.....
Bradford, Fred D.....	do.....	619.45	.....
Brock, T. S.....	do.....	1,000.00	.....
Fenton, Katherine J.....	do.....	166.68	.....
Haring, Oscar E.....	do.....	1,000.00	.....
Mattox, Porter L.....	do.....	150.01	.....
Pedler, Jean B.....	do.....	150.01	.....
Phillips, Aline.....	do.....	22.22	.....
Stewart, A. B.....	do.....	125.01	.....
Stockslager, Wm. M.....	do.....	494.44	.....
Chambers, Edgar C.....	Copyist, topographical draftsman, at \$900.....	190.00	.....
Hilton, George.....	do.....	215.00	.....
Peyton, H. A.....	do.....	19.44	.....
Thompson, E. R.....	do.....	900.00	.....
Walsh, Harry A.....	Copyist, topographical draftsman, and draftsman, at \$900.....	262.50	.....
Witten, A. B.....	Copyist, topographical draftsman, at \$900.....	225.00	.....
De Valin, E. S.....	Clerk, at \$600, and copyist, topographical draftsman, at \$1,000.....	633.34	.....
Sorensen, A. C.....	Copyist, topographical draftsman, at \$600 and \$1,000.....	866.67	.....
Hoyle, Annie E.....	Clerk, topographical draftsman, at \$600, and artist, at \$700.....	695.84	.....
Barnes, Bessie A.....	Copyist, topographical draftsman, at \$600.....	370.00	.....
Bryan, L. H.....	do.....	370.00	.....
Cottrell, L. W.....	do.....	580.00	.....
Fowler, A. E.....	do.....	600.00	.....
Gosorn, Josie G.....	do.....	15.00	.....
Habercorn, E. A.....	do.....	600.00	.....
Kirtland, Augusta G.....	do.....	370.00	.....
Noyes, C. B.....	do.....	600.00	.....
Oliver, J. T.....	do.....	555.00	.....
Tayloe, Imogen I.....	do.....	463.33	.....
Throckmorton, R. C.....	do.....	475.00	.....
Waggaman, Josephine.....	do.....	600.00	.....
Wilcox, M. O.....	do.....	3.33	.....
Hahn, J. S., jr.....	Lithographer, at \$900 and \$1,000.....	991.67	.....
Faunce, P. W.....	Lithographer's helper, at \$600.....	600.00	.....
Jones, C. C.....	Photographer, at \$900.....	900.00	.....
Borgfeldt, R. E. Lee.....	Artist draftsman, at \$1,200.....	1,200.00	.....
Coleman, Thomas C.....	Draftsman, at \$1,000.....	63.89	.....
Emory, W. Gibson.....	do.....	61.12	.....
Tyrrell, J. B.....	do.....	891.67	.....
Freyer, Charles H.....	Draftsman, at \$900.....	142.50	.....
Acker, S. L.....	Draftsman, at \$600.....	600.00	.....
Lichtenthaeler, F. E.....	Laboratory assistant in wood chemistry, at \$1,000.....	272.22	84.55
Sargent, L. W.....	Laboratory assistant in wood chemistry, at \$900.....	430.00	.....
Surface, Henry E.....	do.....	540.00	69.51
Raff, Chas. J.....	Laboratory assistant and engineering, at \$730.....	62.86	.....
Scanlon, F. T.....	Laboratory assistant in wood chemistry, at \$720.....	54.00	.....
Weyls, Harry.....	Laboratory assistant in timber tests, at \$700.....	505.56	.....
Lyons, Thomas.....	Laboratory assistant, at \$600.....	26.67	.....
Myers, Carl E.....	Laboratory assistant in timber tests, at \$600.....	283.34	.....
Muncey, Eliot M.....	Laboratory helper, at \$480.....	286.67	.....
Wood, T. H.....	do.....	277.33	.....
Webster, Percival W.....	do.....	113.33	.....
Speh, C. F.....	Laboratory assistant in wood chemistry, at \$900.....	335.00	.....
Venemann, T. W.....	Timber-testing assistant, at \$800.....	800.00	.....
McKenzie, H. E.....	Testing assistant, at \$800.....	800.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Bard, George Philip.....	Forest student, at \$300, and forest assistant, at \$1,000.	\$982.50	\$725.62
Pond, Russell G.....	do.	588.05	408.10
Sawyer, George E.....	Forest student, at \$300 and forest agent, at \$720.	336.00	439.69
Coffman, John D.....	Forest student, at \$300.	9.17	143.30
Forbes, Frederick B.....	do.	36.67	
Peavy, J. F.....	do.	39.17	
Lewis, C. A.....	Forest student, at \$25 per month.	61.68	202.44
Toumey, J. W.....	Collaborator, at \$300, and expert, at \$2,000.	351.94	835.37
Paine, Paul M.....	Collaborator, at \$300, and expert, at \$1,000.	65.83	143.00
Besley, Fred W.....	Collaborator, at \$300.	300.00	27.60
Bessey, Charles E.....	do.	300.00	
Bray, William L.....	do.	300.00	
Smith, George K.....	do.	300.00	
Stowd, Wallace H.....	do.	50.00	
Will, Thos. E.....	do.	167.50	552.25
McDonald, Hunter.....	Collaborator, at \$5 per diem.	13.00	
Halloran, C. F.....	Electrician, at \$900.	292.50	
Fitzgerald, Morris G.....	Apprentice boy, at \$360.	200.00	
Harrison, Floyd R.....	Messenger, at \$840, and clerk, stenographer, and typewriter, at \$1,000.	516.11	
Brown, H. D.....	Messenger, at \$840.	154.00	
Gaskins, John H.....	do.	121.33	
Santucci, Joseph.....	do.	210.00	
Garrett, C. W.....	Messenger, at \$600.	135.00	
Dorsey, Edgar J.....	Messenger, packer, at \$480.	146.67	
Downey, M. J. S.....	Messenger boy, at \$360 and \$400.	278.00	
Hickey, J. A.....	Messenger boy, at \$360.	120.00	
Caesar, H. C.....	do.	165.00	
Duvall, Carroll F.....	do.	43.00	
Fox, George H.....	do.	168.00	
Gordon, Charles N.....	do.	204.00	
Henderson, Byron G.....	do.	22.00	
Irving, B. B.....	do.	339.00	
Johnson, Wm. L.....	do.	298.00	
Kilgour, Bradley.....	do.	20.00	
Locknane, J. M.....	do.	60.00	
McCreight, A. M.....	do.	339.00	
Murphy, Robert O. D.....	do.	73.00	
Munchmeyer, Fred.....	do.	278.00	
Oakley, James F.....	do.	202.00	
O'Neale, Hugh G.....	do.	71.00	
Rousseau, George W.....	do.	124.00	
Sudler, Wallace L.....	do.	107.00	
Solese, Milton H. T.....	do.	180.00	
Sontag, K. E.....	do.	298.00	
Spellbring, John A.....	do.	294.00	
Winans, Harold D.....	do.	24.00	
Cooksey, Thomas R.....	Carpenter, at \$720.	404.00	
Thiss, H. H. W.....	do.	564.00	
Darnall, Frank J.....	Carpenter, at \$4 per diem.	236.00	
Richardson, C. L.....	do.	4.00	
Blundon, D. R.....	Carpenter, at \$3.50 per diem.	40.25	
Carroll, J. W.....	do.	10.50	
Neilson, Charles W. C.....	do.	227.50	
Robinson, William P.....	do.	539.00	
Weisser, G. W.....	do.	105.00	
Maddox, Jas. C.....	Painter, at \$900.	142.50	
Phillips, W. L.....	Painter, at \$3.50 per diem.	586.25	
Phillips, Raymond C.....	Fireman, at \$625.	345.48	
Woltz, Max M.....	Apprentice boy, at \$480.	160.00	
McClure, S. A.....	Skilled laborer, at \$700.	525.00	21.30
Coskery, H. Z.....	Classified laborer, at \$600.	371.67	
McFadden, Alice R.....	do.	393.33	
Todd, Blanche.....	do.	403.33	
Adamson, Consuelo.....	Skilled laborer, at \$600.	600.00	
Locke, Louisa K.....	do.	250.00	
Melling, May A.....	do.	35.00	
Burgess, Edward.....	Skilled laborer, at \$480.	85.33	
Hardy, Iverson T.....	do.	74.67	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Smith, G. P.	Unskilled laborer, at \$500.	\$500. 00	
Cassidy, James B.	Unskilled laborer, at \$480.	253. 33	
Curtis, Clarence T.	do.	480. 00	
Foster, Frank B.	do.	149. 33	
Moore, Wm.	do.	149. 33	
Norris, Irving.	do.	309. 34	
Saunders, John.	do.	153. 33	
Statesman, G. S.	do.	6. 67	
Tate, W. P.	do.	480. 00	
Wheeler, John A.	do.	304. 00	
Wright, William.	Laborer, at \$45 per month.	540. 00	
Salisbury, M. A.	Charwoman, at \$480.	480. 00	
Sneed, Martha.	Charwoman, at \$240 and \$360.	314. 33	
Burgess, Emily.	Charwoman, at \$240.	240. 00	
Henderson, Hattie L.	do.	146. 00	
Hill, M. A.	do.	240. 00	
Hutchinson, H.	do.	240. 00	
Jackson, Anna.	do.	144. 00	
Lancaster, Bertie.	do.	73. 33	
McDonald, M. L.	do.	240. 00	
Nash, Bettie E.	do.	64. 67	
Parker, Angeline.	do.	134. 00	
Showers, Maggie.	do.	103. 33	
Whiting, Annie A.	do.	240. 00	
Yates, E. M.	do.	240. 00	
Total.		430,005. 20	
<i>Out of Washington.</i>			
Olmsted, F. E.	Chief inspector, at \$2,800.	1,726. 66	\$929. 10
Allen, Edward T.	Chief inspector, at \$2,700.	1,815. 00	816. 31
Benedict, Raymond E.	Chief inspector, at \$2,400.	1,600. 00	1,446. 05
Sherman, E. A.	Chief inspector, at \$2,200.	1,650. 00	1,060. 50
Riley, Smith.	Chief inspector, at \$2,100.	1,575. 00	1,509. 56
Bronson, Daniel D.	Chief inspector, at \$1,800.	1,350. 00	1,972. 04
Du Bois, Coert.	Inspector, at \$2,200.	1,650. 00	978. 42
Hatton, John H.	Inspector, at \$1,900.	1,425. 00	1,100. 38
Reed, F. W.	do.	1,398. 61	745. 65
Imes, Richard P.	Inspector, at \$1,800.	1,350. 00	732. 55
Redington, Paul G.	Inspector and special temporary disbursing agent, at \$1,700.	1,275. 00	1,283. 22
Hodge, William C., jr.	Inspector, at \$1,600.	1,200. 00	739. 38
Kent, W. H. B.	do.	1,200. 00	926. 93
Cecil, George H.	Inspector, at \$1,500, and assistant chief of organization, at \$1,700.	1,033. 33	
Mattoon, W. R.	Inspector, at \$1,600.	1,199. 99	930. 32
Peavy, George W.	do.	1,200. 00	1,443. 75
Woolsey, T. S., jr.	do.	1,186. 67	1,715. 89
Erickson, M. L.	Inspector, at \$1,500.	1,125. 00	1,121. 50
Silcox, F. A.	do.	1,000. 00	294. 04
Waha, A. O.	do.	1,125. 00	955. 45
Woodbury, Trueman D.	Inspector, at \$1,400.	1,166. 66	786. 83
Ames, F. E.	Inspector, at \$1,300.	975. 00	797. 14
Hunt, Loren E.	Engineer in timber tests, at \$2,000.	2,000. 00	528. 51
Mitchelson, Albert T.	Constructing engineer, at \$1,800.	450. 00	
Joy, F. E.	Constructing civil engineer, at \$1,600.	195. 55	
Goss, Oliver P. M.	Engineer in timber tests, at \$1,400.	1,400. 00	555. 70
Knapp, J. B.	do.	350. 00	
Newlin, John A.	do.	1,229. 73	395. 67
Thelen, Rolf.	do.	350. 00	
Heim, Arthur L.	Engineer in timber tests, at \$1,200.	1,166. 67	245. 45
Buhl, Paul S.	Testing assistant, at \$800.	102. 23	
Gessert, Geo. R.	do.	666. 67	
Dudding, William D.	do.	126. 67	
Bixby, J. O.	Timber test assistant, at \$800.	800. 00	
Barry, Cornelius.	Timber testing assistant, at \$800.	800. 00	
Green, Richard H.	Laboratory aid and engineer, at \$730.	498. 84	
Blaine, Frank.	Fireman, at \$675, and laboratory aid and engineer, at \$730.	430. 21	

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"General expenses, Forest Service, 1908, \$1,756,800"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Breen, F. S.....	Forest supervisor and temporary special disbursing agent, at \$2,300.	\$1,079.73	\$36.80
McClure, Robert C.....	Forest supervisor and temporary special disbursing agent, at \$2,200.	1,100.00	152.80
Fenn, Frank A.....	Forest supervisor, at \$2,200.	1,087.78	93.20
Charlton, Rushton H.....	Forest supervisor and temporary special disbursing agent, at \$2,100.	1,050.00	7.45
Barrett, Louis A.....	Forest supervisor, at \$2,100.	1,312.00	360.00
Miller, Robert E.....	do	1,050.00	9.85
Sheller, David B.....	Forest supervisor, at \$2,000.	1,000.00	126.63
Shinn, Charles H.....	do	1,000.00	13.29
Bartrum, Smith C.....	Forest supervisor and temporary special disbursing agent, at \$1,900.	1,108.34	260.05
Allen, Grenville F.....	Forest supervisor, at \$1,900.	950.00	337.75
Slosson, Willis M.....	do	950.00	381.39
Marshall, G. E.....	Forest supervisor, at \$1,800 and \$2,000.	966.67	68.09
Jensen, Adolph W.....	Forest supervisor, at \$1,800 and \$1,900.	1,375.00	242.59
Elliott, Madison B.....	Forest supervisor and temporary special disbursing agent, at \$1,800.	900.00	40.00
Jackson, William E.....	Forest supervisor, at \$1,800.	900.00	25.75
Greeley, William B.....	Forest supervisor and temporary special disbursing agent, at \$1,700, and forest supervisor and associate chief management, at \$2,000.	1,183.34	546.74
Clark, Willard W.....	Forest supervisor, at \$1,700, and inspector at \$1,800.	1,300.00	166.75
Milham, George W.....	Forest supervisor and temporary special disbursing agent, at \$1,700, and forest supervisor, at \$1,800.	1,075.00	344.85
Woodruff, Mark G.....	Forest supervisor, at \$1,800.	900.00	40.50
Koch, Elers.....	Forest supervisor and temporary special disbursing agent, at \$1,700.	708.33	18.00
Bigelow, Richard L. P.....	Forest supervisor, at \$1,700.	850.00	250.40
Haines, Fremont N.....	do	850.00	353.74
Pack, Willard I.....	do	850.00	.....
Pooler, Frank C. W.....	do	850.00	24.75
Reed, William H.....	do	850.00	71.20
Scott, Charles A.....	do	831.12	10.46
Seely, Jasper B.....	do	850.00	.....
Clarke, Edwin H.....	Forest supervisor, at \$1,600 and \$1,800.	950.00	141.49
Ireland, A. S.....	do	883.33	58.65
Marshall, Harold A. E.....	do	850.00	222.82
Hurst, William.....	Forest supervisor, at \$1,600 and \$1,700.	941.67	198.82
Spencer, Frank C.....	Forest supervisor and temporary special disbursing agent, at \$1,600, and forest supervisor, at \$1,700.	1,216.66	418.05
Blair, James A.....	Forest supervisor and temporary special disbursing agent, at \$1,600.	800.00	6.30
Bushnell, Dwight.....	do	800.00	560.72
Bunker, Page S.....	do	800.00	293.66
French, Harry H.....	do	800.00	466.51
Porter, Herbert K.....	do	387.77	.....
Wheeler, Herbert N.....	do	786.67	54.30
Bell, James R.....	Forest supervisor, at \$1,600.	520.00	5.35
Coleman, Gilbert B.....	do	728.89	381.80
Ellis, S. L. N.....	do	653.33	39.15
Fenn, Homer E.....	do	800.00	356.69
Hogue, A. H.....	do	933.34	189.65
Hoyt, Timothy C.....	do	800.00	217.88
Husted, Shep. N.....	do	133.33	.....
Jones, Zeph.....	do	800.00	216.31
Kerr, John.....	do	800.00	15.45
Lafferty, J. B.....	do	1,250.00	340.05
McConnell, Benjamin F.....	do	253.33	.....
Mainwaring, E. S.....	do	800.00	.....
Nelson, Jesse W.....	do	800.00	412.70
Russell, E. C.....	do	800.00	34.15
Conkling, D. T.....	Forest supervisor and temporary special disbursing agent, at \$1,400, and forest supervisor, at \$1,600.	966.67	188.30
Hafley, Frederick H.....	do	1,100.00	464.64

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kinney, David G.....	Forest supervisor and temporary special disbursing agent, at \$1,500.	\$750.00	\$451.19
O'Brien, Howard K.....	do.....	750.00	4.40
Barney, George H.....	Forest supervisor, at \$1,500.	750.00	
Coleman, Geo. A.....	do.....	750.00	32.15
Farmer, John W.....	do.....	1,491.67	1,603.28
Hanson, Frederick.....	do.....	750.00	78.62
McGlone, Charles T.....	do.....	750.00	64.15
Morrissey, E. F.....	do.....	45.83	
Pack, Daniel S.....	do.....	750.00	241.87
Schmitz, J. M.....	do.....	750.00	
Smith, John F.....	do.....	520.83	
Wedemeyer, John T.....	do.....	750.00	
Williams, Eugene.....	do.....	750.00	25.65
Wrensted, Peter T.....	do.....	750.00	6.85
Rutledge, R. H.....	Forest supervisor, at \$1,400 and \$1,600	789.45	
Kreutzer, William R.....	Forest supervisor and temporary special disbursing agent, at \$1,400.	700.00	48.05
Mains, Guy B.....	do.....	700.00	51.95
Stroup, Andrew L.....	do.....	700.00	70.55
Stuart, R. W.....	do.....	700.00	62.35
Snell, Nathan E.....	do.....	700.00	
Anderson, David.....	Forest supervisor, at \$1,400.	700.00	5.00
Higgins, Chas. G. Y.....	do.....	700.00	20.30
Hogan, Thomas.....	do.....	700.00	151.73
McMillan, Ross.....	do.....	700.00	338.23
Moore, R. J.....	do.....	700.00	
Selkirk, R. J.....	do.....	700.00	122.70
Snow, Orrin C.....	do.....	700.00	142.75
Thain, James G.....	do.....	700.00	57.05
Todd, Ira E.....	do.....	350.00	
Torstenon, Neils O.....	do.....	700.00	228.36
Harris, Selden F.....	Forest supervisor and forest ranger, at \$1,400.	486.10	
Cooley, Charles F.....	Forest supervisor, at \$1,200.	600.00	
Lyders, E. C. W. S.....	Examiner of surveys, at \$1,200.	363.33	
Hoppe, Albert.....	Expert, mining claims, at \$4.50 per diem.	387.00	201.63
Johnson, H. Norton.....	Expert miner, at \$4.50 per diem.	976.50	799.95
McElroy, C. A.....	do.....	796.50	445.17
Sullivan, Charles J.....	do.....	630.00	429.42
Curry, Thomas A.....	Expert miner, at \$3 per diem.	183.00	85.50
Duncan, L. Grant.....	do.....	90.00	102.45
Gillan, Silas L.....	do.....	447.00	196.30
Hard, E. C.....	Expert miner, at \$2.50 per diem.	650.00	393.11
Fitzgerald, C. W.....	Surveyor and deputy forest supervisor, at \$1,400.	700.00	505.24
Squires, John F.....	Deputy forest supervisor, at \$1,500.	750.00	
Seitz, Clyde R.....	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,800.	884.44	
Thurston, Harry W.....	Deputy forest supervisor, at \$1,400, and supervisor and temporary special disbursing agent, at \$1,800.	974.44	549.85
Wilson, R. B.....	Deputy forest supervisor, at \$1,400, and forest supervisor and temporary special disbursing agent, at \$1,800.	895.56	4.80
Goddard, William H.....	Deputy forest supervisor, at \$1,400 and \$1,500.	1,137.00	324.05
Sherwin, Frank R., jr.....	do.....	1,383.33	14.65
Wyman, C. K.....	Deputy forest supervisor and forest supervisor, at \$1,400.	700.00	
Ballinger, Charles A.....	Deputy forest supervisor, at \$1,400.	700.00	
Fittou, David E.....	do.....	700.00	
Kling, L. A. H.....	do.....	700.00	120.45
McCain, Arthur C.....	do.....	700.00	74.30
Marshall, David S.....	do.....	700.00	
Parker, A. A.....	do.....	614.45	96.60
Anderson, Wm. M.....	Deputy forest supervisor, at \$1,300.	650.00	
Daug, William H.....	do.....	650.00	145.95
Berky, Edgar C.....	Deputy forest supervisor, at \$1,200.	543.33	18.10
Headley, Roy.....	do.....	500.00	210.30
Pratt, Lorum.....	do.....	500.00	
Shockley, Hepler R.....	do.....	400.00	4.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
McMillan, Morton K.	Deputy forest supervisor, at \$1,000.	\$853.89	\$806.06
Jardine, James	Special agent, at \$1,800.	900.00	399.25
Mills, Enos A.	Forest agent, at \$1,800 and \$2,400.	1,775.00	1,832.84
Bradish, W. N.	Forest agent, at \$1,200.	600.00	.....
Rothkugel, Max.	do.	823.33	698.19
Bushnell, H. S.	Forest agent and deputy forest ranger, at \$1,200.	153.33	.....
Clements, Frederic E.	Special agent, at \$1,200.	300.00	.....
Bruce, Grant.	Forest agent, at \$1,100.	1,100.00	.....
Billir, Harry A.	Forest agent, at \$1,000.	166.66	206.53
Eckbo, Nils B.	do.	988.89	879.93
Tompkins, Frank.	do.	750.00	454.65
Bentley, John, jr.	Forest agent, at \$900.	225.00	103.98
Cooper, Theodore R.	do.	102.50	136.29
Durbin, William G.	do.	600.00	466.70
Edmunds, P. D.	do.	900.00	202.12
Lang, Duncan M.	do.	232.50	123.65
Wilber, Charles P.	do.	335.00	242.10
MacDonald, G. B.	Forest agent and expert, at \$900.	750.00	651.66
Jensen, M. C.	Forest agent, at \$800.	800.00	36.48
Paul, H. A.	do.	333.34	346.33
Parmelee, Densmore C.	Forest agent, at \$750.	231.25	.....
Clark, W. D.	Forest agent, at \$720.	458.00	533.92
Moore, Walter M.	do.	592.00	.....
Pfaender, Max.	do.	264.00	28.20
Kearney, George S.	Forest agent, at \$600.	193.33	276.04
Nelson, N. L. T.	do.	18.33	44.25
Hamel, A. G.	Forest agent, at \$420.	35.00	58.36
Morrison, George R.	do.	18.67	37.09
McElroy, Wm.	Forest agent, at \$2 per diem, and expert miner, at \$2.50 per diem.	785.00	463.46
Whitten, Robert H.	Agent, at \$15 per month.	7.50	.....
Smith, A. Mark.	Clerk, at \$1,700.	425.00	.....
Busch, Simon H.	Clerk, at \$1,200.	30.00	.....
Conner, Robert E.	do.	300.00	.....
Dahl, A. L.	do.	600.00	.....
Bunton, William B.	Clerk, stenographer, and typewriter, at \$1,200.	200.00	74.15
Weir, T. B.	do.	313.33	.....
Stevens, Whitney H.	do.	280.00	.....
White, Ethel M.	Clerk, stenographer, and typewriter, at \$900 and \$1,100.	520.00	.....
Dilley, James W.	Clerk-bookkeeper, at \$1,000, \$1,100, and \$1,200.	567.22	.....
Agee, Fred B.	Clerk, stenographer, and typewriter, at \$1,000 and \$1,200.	550.00	.....
Haynie, Frank.	Clerk, at \$1,000.	500.00	.....
Montgomery, E. F.	do.	500.00	.....
Steward, Luther.	do.	500.00	.....
Fraser, W. R.	Clerk, stenographer, and typewriter, at \$1,000.	386.12	.....
Jones, Joseph J.	do.	288.89	.....
Nichols, Alfred L.	do.	86.11	.....
Porter, Harry W.	do.	500.00	.....
Jacobs, Lester B.	Clerk, stenographer, and typewriter, at \$60 per month and \$1,000.	247.78	.....
Aicher, George E.	Clerk, at \$900.	255.00	.....
Dougherty, Jefferson M.	do.	157.50	.....
Hibbs, Pearl.	do.	375.00	.....
Kelly, Annie M.	do.	62.50	.....
Porter, F. C.	do.	450.00	.....
Barrett, Thomas F.	Clerk, stenographer, and typewriter, at \$900.	290.00	.....
Bonham, Vada.	do.	265.00	.....
Collins, Thomas J.	do.	450.00	.....
Conant, James W.	do.	170.00	.....
Cook, E. Violet.	do.	450.00	.....
Fish, Frederick A.	do.	450.00	.....
Hartley, Varena.	do.	172.50	.....
Hogan, Winifred.	do.	50.00	.....
Johnson, B. F.	do.	450.00	.....
McClinton, Claudine.	do.	200.00	16.55
Morris, Lilian B.	do.	215.00	.....
Nelson, Esther.	do.	345.00	.....
Peters, Truman R.	do.	370.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Reese, Dora.....	Clerk, stenographer, and typewriter, at \$900 ..	\$225.00	\$59.57
Riley, May.....	do.....	280.00	.....
Slawson, Dora.....	do.....	402.50	.....
Smith, Mary E.....	do.....	262.50	.....
Smith, Roy N.....	do.....	357.50	.....
Tanner, Albert H.....	do.....	107.50	.....
Thompson, Maude A.....	do.....	152.50	.....
Thompson, R. W.....	do.....	347.50	.....
Webster, Marjorie D.....	do.....	635.00	.....
Williamson, Laura E.....	do.....	127.50	.....
Wilson, Frances.....	do.....	225.00	.....
Woodman, Ulah M.....	do.....	450.00	82.55
Wools, Lula Theo.....	do.....	295.00	.....
Yarger, Mayme.....	do.....	300.00	.....
Greenwald, Otto.....	Clerk, typewriter, at \$900.....	37.50	.....
Schmidt, Carl H.....	do.....	225.00	.....
Sinclair, Florence L.....	do.....	225.00	.....
Pooler, Marjorie.....	Clerk, stenographer, and typewriter, at \$800.....	400.00	.....
Metcalfe, Vernon.....	Clerk, stenographer, and typewriter, at \$720 and \$900, and clerk, at \$900.....	585.00	.....
Gage, Charles P.....	Clerk, at \$720 and \$900, and assistant forest ranger, at \$900.....	345.00	.....
Cook, Susie A.....	Clerk, stenographer, and typewriter, at \$720.....	360.00	.....
Franklin, Marion.....	do.....	80.00	.....
Graeter, Oline.....	do.....	230.00	.....
Redlingshafer, H. L.....	do.....	178.00	.....
McGregor, Lillian L.....	Clerk, stenographer, and typewriter, at \$700, and clerk, at \$900.....	225.00	.....
Reser, Roy M.....	Stenographer and typewriter, at \$600.....	83.33	.....
Hurst, Margaret.....	Clerk, stenographer, and typewriter, at \$480.....	120.00	.....
Slosson, Edna E.....	Clerk, at \$300.....	150.00	.....
Hinderer, Chas. H.....	Forest ranger, at \$1,400, and forest supervisor, at \$1,600.....	1,100.00	369.81
Grandjean, Emile.....	Forest ranger and temporary special disbursing agent and forest supervisor, at \$1,600.....	939.50	662.15
Hall, Charles C.....	Forest ranger and forest supervisor and temporary special disbursing agent, at \$1,400, and forest supervisor, at \$1,600.....	841.67	126.01
Bentz, George G.....	Forest ranger, forest supervisor, and temporary special disbursing agent, at \$1,400.....	700.00	13.20
Cryder, William W., jr.....	do.....	700.00	73.78
Ingram, Guy M.....	do.....	700.00	.....
Ireland, Henry.....	do.....	700.00	.....
Anderson, Milton J.....	Forest ranger and temporary special disbursing agent, at \$1,400.....	700.00	110.75
Barnett, David.....	Forest ranger and deputy forest supervisor, at \$1,400.....	700.00	179.95
Chidsey, Thomas E.....	Forest ranger and forest supervisor, at \$1,400.....	700.00	15.00
Harris, Hugh H.....	do.....	700.00	.....
Kinney, James H.....	do.....	583.33	.....
Britten, Ernest.....	Forest ranger, at \$1,400.....	700.00	.....
Kueny, Frank A.....	do.....	700.00	.....
Martin, Drayton C.....	do.....	700.00	41.90
Rachford, C. E.....	do.....	700.00	.....
Stahl, C. J.....	do.....	700.00	329.90
Willson, Roscoe G.....	do.....	700.00	81.30
Woods, Clarence N.....	do.....	700.00	113.05
La Plant, Joseph C.....	Forest ranger, at \$1,300 and \$1,400.....	681.66	.....
Blackhall, James.....	Forest ranger, at \$1,300.....	650.00	.....
Crow, B. H.....	do.....	328.61	.....
Kenner, Beauregard.....	do.....	639.16	.....
Clark, John H.....	Forest ranger, at \$1,200 and \$1,400.....	526.68	270.35
Shaw, Ernest W.....	Forest ranger, at \$1,200, deputy forest supervisor, at \$1,400, forest supervisor and temporary special disbursing agent, at \$1,400, and forest supervisor, at \$1,800.....	939.45	681.17
Kavanagh, Edward N.....	Forest ranger, at \$1,200, and deputy forest supervisor at \$1,400.....	1,300.00	630.58
Perrine, Wallace S.....	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300.....	816.67	224.76

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continue d.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Armstrong, Charles W.	Forest ranger, at \$1,200, and \$1.50 per diem	\$738.00	
Ashlock, Norman S.	Forest ranger, at \$1,200	596.67	
Benedict, Lewis	do	600.00	
Bergh, Henry A.	do	950.00	\$738.16
Black, Charles	do	600.00	
Bowen, W. Jones	do	596.67	
Burton, William C.	do	600.00	
Callister, T. Clark	do	600.00	
Case, John B.	do	600.00	
Coolin, David	do	393.33	
Douglas, Ausburn H.	do	600.00	
Douglas, Stephen H.	do	600.00	
Farley, George	do	600.00	
Fay, Walter A.	do	600.00	
Fenton, Patrick A.	do	600.00	
Foster, Isaiah W.	do	600.00	
Giffin, Marshal F.	do	70.00	
Harley, Frank W.	do	600.00	
Helfrich, Frank	do	600.00	
Hinderer, Edward A.	do	600.00	
Holbrook, Wellman	do	593.33	
Hudson, Clifton W.	do	600.00	
Imes, Carl	do	400.00	
Johnson, Lewis E.	do	600.00	
Jones, John D.	do	303.33	157.29
Julien, Taylor E.	do	600.00	
Lovelace, Byron O.	do	700.00	
McCoy, William	do	600.00	
McMullin, C. E.	do	600.00	162.05
Morgenroth, Christ	do	600.00	
Mullison, John H.	do	600.00	
Mundy, John	do	600.00	
Pace, Charles W.	do	170.00	
Pack, John A.	do	600.00	
Phelps, William A.	do	600.00	
Phillips, Ress	do	290.83	820.48
Pogge, Ulrich C.	do	600.00	
Ring, George V.	do	600.00	
Searcy, Elmore W.	do	600.00	30.70
Sims, M. M.	do	500.00	
Snodgrass, Perry L.	do	600.00	91.55
Spencer, Henry L.	do	600.00	43.61
Spaulding, Thos. C.	do	600.00	366.35
Swenning, Samuel S.	do	600.00	
Taylor, W. B.	do	600.00	
Tyler, Raymond	do	600.00	
Wallace, William F.	do	600.00	
Walter, William	do	600.00	
Wells, John C.	do	600.00	
Whidden, George L.	do	600.00	
Whitney, F. D.	do	433.33	
Wickersham, M. A.	do	600.00	
Wilkerson, N. E.	do	590.00	
Williams, Albert H.	do	600.00	
McLaren, John	Forest ranger, at \$1,200, and at \$1,200 and \$1.25 per diem, and at \$1,200.	654.00	
Steele, Foster	Forest ranger, at \$1,200, and at \$1,200 and \$1 per diem.	692.00	
Stewart, Thomas R.	do	666.00	
Gorder, George A.	Forest ranger, at \$1,200, and deputy forest ranger, at \$1,000.	574.45	
Kelley, Evan W.	Forest ranger, at \$1,100 and \$1,300	766.67	132.45
Edmonston, W. D.	Forest ranger, at \$1,080 and \$1,200	1,180.00	847.80
Jones, E. E.	Forest ranger, at \$1,100	550.00	
Reynolds, Albert	do	550.00	
McDonald, Roderick D.	Forest ranger, at \$1,000	576.67	
Campbell, Walter M.	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400	689.93	54.20
Lynn, Arthur L.	do	595.83	
McCoy, William H.	Deputy forest ranger, at \$1,200	600.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Power, William H.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	\$650.00	\$243.60
Schoonover, Chas. E.....	do.	583.33	151.35
Allred, J. Carl.....	Deputy forest ranger, at \$1,100.	550.00	
Armentrout, Edwin S.....	do.	550.00	15.90
Bald, George A.....	do.	550.00	
Birdno, George H.....	do.	550.00	
Blair, Frank A.....	do.	550.00	
Brownlow, Oliver P.....	do.	540.83	
Carpenter, Grant.....	do.	550.00	
Castle, Harry L.....	do.	550.00	
Chapin, Guilford B.....	do.	550.00	
Claffin, Albert B.....	do.	550.00	
Clay, Samuel H.....	do.	550.00	
Conlon, Joseph F.....	do.	550.00	
Conrad, Alfred B.....	do.	550.00	
Cosper, Bert.....	do.	504.16	
Cuenin, Joseph M.....	do.	550.00	
Dean, Richard.....	do.	550.00	
Erickson, Neil.....	do.	458.33	
Flournoy, Robert W.....	do.	550.00	
Funk, William D.....	do.	320.83	
Harris, Lee A.....	do.	1,014.44	682.08
Hazzard, William H.....	do.	550.00	
Henrie, Samuel E.....	do.	550.00	
Hepburn, Edwin D.....	do.	519.45	
Hill, W. F.....	do.	550.00	345.97
Hilton, Franklin P.....	do.	550.00	
Hoy, Abraham L.....	do.	550.00	
Kaufman, Harry S.....	do.	513.33	
Kelso, William B.....	do.	550.00	18.60
Lewis, Lester J.....	do.	550.00	
Liben, John B.....	do.	550.00	
Lillie, F. C.....	do.	458.33	
Lowell, John W., jr.....	do.	550.00	
McLeod, Malcolm.....	do.	550.00	
McPherson, Shelton I.....	do.	550.00	
Mackay, A. J.....	do.	550.00	
Mack, Clarence A.....	do.	550.00	
Marston, Lea.....	do.	550.00	
Maryott, Daria W.....	do.	550.00	276.85
Melrose, James W.....	do.	30.56	
Neill, Reuben L.....	do.	550.00	
Noddin, J. T.....	do.	550.00	
Patterson, John H.....	do.	550.00	16.00
Quigley, Christ. J.....	do.	550.00	
Rackliff, Thomas S.....	do.	550.00	
Reyes, Jacinto D.....	do.	550.00	
Riddle, Wallace M.....	do.	525.56	
Robinson, Walter C.....	do.	550.00	
Ross, Homer.....	do.	216.94	
Rudd, Davis B.....	do.	550.00	
Rudd, William M., jr.....	do.	546.94	
Rushing, William J.....	do.	550.00	
Rutledge, Warren H.....	do.	91.66	
Seaman, Frank W.....	do.	550.00	
Smith, Charles L.....	do.	550.00	
Smith, Elias H.....	do.	550.00	
Smith, Frank T.....	do.	550.00	
Smith, George C.....	do.	550.00	41.55
Stoddard, Carl.....	do.	550.00	
Sullens, J. Milton.....	do.	550.00	
Thenon, Edward.....	do.	450.00	54.05
Thornton, F. M.....	do.	188.33	
Van Deventer, John.....	do.	553.33	
Wasson, Thomas.....	do.	250.00	
Williams, Charles E.....	do.	550.55	
Zachan, Arthur H.....	do.	560.00	
Swim, Clarence B.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,100 and \$1,200.	503.33	61.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bingham, Cyrus J.....	Deputy forest ranger, at \$1,000, and deputy forest supervisor at \$1,200.	\$589.45	.....
Guthrie, Hugh M.....	do.	533.33	.....
Christiansen, Parley.....	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	561.66	.....
Jeken, F. J.....	do.	533.33	.....
Long, E. B.....	do.	592.22	.....
Rodgers, Robert A.....	Deputy forest ranger, at \$1,100 and \$1,000.	508.33	.....
Berry, William E.....	Deputy forest ranger, at \$1,080.	84.00	.....
Harvey, J. Roy.....	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,100.	533.32	.....
Heavey, E. H.....	do.	533.33	.....
Ruff, John H.....	do.	533.33	.....
Tully, E. F.....	Deputy forest ranger, at \$1,000 and \$1,100.	683.33	\$406.79
White, Roy R.....	do.	537.78	.....
Adamson, Jesse W.....	Deputy forest ranger, at \$1,000.	500.00	.....
Ainger, Fred E.....	do.	500.00	.....
Allen, George H.....	do.	500.00	.....
Alexander, Leslie.....	do.	408.32	.....
Allen, John H. B.....	do.	500.00	.....
Allen, Samuel P.....	do.	500.00	.....
Ailes, Conrad.....	do.	500.00	.....
Aisop, John D.....	do.	458.34	.....
Ammon, Junius L.....	do.	500.00	.....
Anderson, Charles H.....	do.	433.33	.....
Antonini, William A.....	do.	500.00	.....
Bailey, Jas. D.....	do.	500.00	.....
Baker, William W.....	do.	500.00	.....
Bennett, James.....	do.	13.89	.....
Bish, Edward.....	do.	583.34	.....
Blankenship, Spencer A.....	do.	500.00	.....
Bonner, V. L.....	do.	494.44	.....
Borom, William W.....	do.	500.00	.....
Bowers, Walter F.....	do.	333.34	.....
Bradley, Richard N.....	do.	500.00	.....
Bradt, Clarence E.....	do.	500.00	.....
Brough, Walter F.....	do.	500.00	.....
Buchholz, James O.....	do.	500.00	.....
Bunker, Ernest C.....	do.	500.00	.....
Butler, Horatio M.....	do.	377.77	.....
Caldwell, Bert F.....	do.	80.56	.....
Campbell, William A.....	do.	286.11	.....
Carlington, Encohn.....	do.	188.89	.....
Chapson, Elmer E.....	do.	500.00	55.80
Chivington, Harry H.....	do.	500.00	.....
Clack, John H.....	do.	500.00	.....
Clark, Edward M.....	do.	305.56	.....
Clark, Frank N.....	do.	500.00	.....
Cleaveland, Horace A.....	do.	500.00	.....
Cline, John.....	do.	416.66	.....
Coleman, Oliver S.....	do.	500.00	.....
Cooke, Joseph E.....	do.	500.00	.....
Cooper, Warren M.....	do.	413.89	.....
Crandell, Lemuel D.....	do.	452.79	.....
Crane, J. E.....	do.	500.00	.....
Cress, George H.....	do.	355.55	.....
Crow, George.....	do.	500.00	.....
Cyphers, Wm. S.....	do.	500.00	.....
Davis, Charles A.....	do.	500.00	.....
Davis, Samuel F.....	do.	333.33	.....
Davison, Edgar B.....	do.	500.00	.....
De Groot, Peter.....	do.	500.00	.....
Dehl, Sylvester.....	do.	347.22	.....
De Long, James H.....	do.	500.00	.....
Derrick, Walter J.....	do.	500.00	.....
Duffy, Bernard J.....	do.	423.34	.....
Durant, Magnus J.....	do.	500.00	.....
Eastland, Joseph C.....	do.	500.00	.....
Easton, H. T.....	do.	500.00	.....
Edgerton, Ernest S.....	do.	133.33	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eveleth, Ralph J.	Deputy forest ranger, at \$1,000 <sup>1</sup>	\$500.00	
Farrar, Calvin L.	do.	930.56	\$757.72
Fick, Charles H.	do.	500.00	
Fishel, Earnest E.	do.	500.00	
Fisher, Geo. A.	do.	500.00	
Fisher, Jerry J.	do.	500.00	
Forsyth, Ronald G. H.	do.	500.00	
Gardner, Percy	do.	500.00	
Glover, George M.	do.	158.33	
Graham, Joseph E.	do.	500.00	
Green, Otto T.	do.	497.22	
Gribble, Elmer W.	do.	500.00	
Griffith, Paul F.	do.	500.00	
Hale, Forest	do.	500.00	
Hall, George A.	do.	500.00	
Hall, Henry E.	do.	500.00	
Hapner, Albert S.	do.	500.00	
Hays, Samuel R.	do.	500.00	
Herrig, Fred.	do.	363.90	
Hettinger, August.	do.	500.00	
Hiett, R. H.	do.	500.00	
Hoffmann, A. H.	do.	500.00	
Hurd, H. C.	do.	461.12	
Jacques, Thomas E.	do.	333.33	
Journigan, Julian M.	do.	500.00	
Kinsey, Theodore T.	do.	500.00	
Klein, Oswald H.	do.	500.00	
Kropke, W. G.	do.	500.00	
Lampe, T. E. P.	Copyist, topographical draftsman, at \$1,000	625.01	
Laing, David	Deputy forest ranger, at \$1,000	500.00	
Lanfield, Paul	do.	500.00	
Leatham, James.	do.	500.00	
Lee, Alfred T.	do.	250.00	
Lee, Charles W.	do.	500.00	
Lewis, Paderson Y.	do.	500.00	
Liebig, Frank F.	do.	500.00	
Litchfield, W. G.	do.	333.33	
Lowell, James J.	do.	537.78	
McCreery, L. N.	do.	500.00	
McKenzie, Ray	do.	500.00	
McPeters, Herbert G.	do.	500.00	
Mackelfresh, Oscar S.	do.	500.00	
MacKenzie, Thos. P.	do.	500.00	
Martin, A. D.	do.	472.23	
Miller, Chas. N.	do.	500.00	
Miller, Robert H.	do.	491.67	
Mortimore, Edgar E.	do.	483.33	
Moyle, Sydney E.	do.	500.00	
Mullison, George H.	do.	297.22	
Muzzall, Henry W.	do.	500.00	
Myers, Thos. G.	do.	500.00	
Myrich, Lewis A.	do.	211.10	
Newman, E. G.	do.	500.00	
Orr, James O.	do.	500.00	
Payne, E. D.	do.	500.00	
Penrod, David I.	do.	500.00	
Platten, Fred	do.	500.00	
Poole, Charles G.	do.	500.00	
Porter, Joseph J.	do.	500.00	
Prout, Joseph H.	do.	500.00	
Pyle, Lewis R.	do.	469.44	
Raphael, John	do.	416.66	
Ratliff, J. H.	do.	500.00	
Reld, John	do.	250.00	
Reyes, Gerard V.	do.	500.00	
Riggs, Blaine L.	do.	500.00	
Roberts, Arthur C.	do.	500.00	
Seaman, James V.	do.	500.00	
Sears, Willard L.	do.	500.00	
Servoss, Frank R.	do.	500.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Shellabarger, C. W.....	Deputy forest ranger, at \$1,000.....	\$500.00	.....
Shelley, Ralph S.....	do.....	500.00	.....
Shields, John.....	do.....	416.66	.....
Shurtz, Ambrose.....	do.....	500.00	.....
Silvas, Jose M.....	do.....	416.66	.....
Smith, Richard L.....	do.....	97.22	.....
Smith, Truman O.....	do.....	500.00	.....
Smith, William W.....	do.....	500.00	.....
Smith, William Wiley.....	do.....	500.00	.....
Snyder, Arthur.....	do.....	458.33	.....
Switzer, B. W.....	do.....	500.00	.....
Strawn, Alfred L.....	do.....	583.33	.....
Thompson, Claude.....	do.....	500.00	.....
Tibbetts, Sewell.....	do.....	500.00	.....
Underwood, Robert N.....	do.....	500.00	.....
Urquhart, Keith A.....	do.....	500.00	\$15.40
Vance, Edward N.....	do.....	500.00	.....
Vinton, Alva J.....	do.....	500.00	.....
Wagner, Frank H.....	do.....	500.00	.....
West, Thomas C.....	do.....	500.00	.....
Westfall, James F.....	do.....	500.00	.....
Whitney, Charles A.....	do.....	500.00	.....
Wilkinson, Harry.....	do.....	105.55	.....
Winkler, Ernest.....	do.....	500.00	.....
Wofford, A. K.....	do.....	500.00	.....
Wright, Ernest E.....	do.....	480.53	.....
Yarnall, Silas W.....	do.....	500.00	.....
Chandler, Orland.....	Deputy forest ranger, at \$900.....	450.00	.....
Gray, William W.....	do.....	450.00	.....
Smith, John R.....	do.....	450.00	.....
Williams, David H.....	do.....	450.00	.....
Merrill, W. A.....	Assistant forest ranger, at \$1,100.....	550.00	.....
Beard, John D. F.....	Assistant forest ranger, at \$1,000.....	500.00	.....
Clark, William J.....	do.....	496.11	.....
Hicks, Arthur G.....	do.....	500.00	.....
McCam, Frank.....	do.....	500.00	.....
Stevens, Horace H.....	do.....	500.00	.....
Stockwell, Andrew G.....	do.....	500.00	.....
Swift, Theodore T.....	Assistant forest ranger, at \$900, forest ranger, at \$1,400, and forest supervisor, at \$1,500.....	700.00	138.46
Brown, Gilbert D.....	Assistant forest ranger, at \$900, and forest ranger, at \$1,200.....	581.66	.....
Heilman, Ben. C.....	do.....	686.66	699.90
Neff, W. C.....	do.....	588.33	.....
Parker, Thomas R.....	do.....	575.00	.....
Phillips, Ress.....	do.....	450.00	.....
Chamberlin, George W.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.....	492.23	.....
Hays, jr., John W.....	do.....	500.00	.....
Huestis, Wilbur A.....	do.....	525.56	.....
Hjort, Carl K.....	do.....	516.67	.....
Park, Charles H.....	do.....	500.00	.....
Williamson, L. D.....	do.....	545.01	.....
Abbott, Albert J.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.....	616.66	452.39
Bach, James F.....	do.....	488.34	.....
Bonebrake, George A.....	do.....	483.34	.....
Bowers, Walter F.....	do.....	165.55	.....
Crow, Glenburn H.....	do.....	491.67	.....
Darby, Austin E.....	do.....	450.00	.....
Gribble, Walter L.....	do.....	280.55	.....
Harris, Alfred E.....	do.....	491.67	.....
Harris, Harvey W.....	Assistant forest ranger, at \$900, and deputy forest ranger and deputy forest supervisor, at \$1,000.....	494.73	.....
McNamara, J. A.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.....	491.67	.....
Oden, Charles V.....	Assistant forest ranger, at \$900 and \$1,000, and deputy forest ranger, at \$1,000.....	496.11	.....
Peregoy, Harry H.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.....	498.61	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Glenn A.....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	\$495.84	\$109.60
Stuart, James.....	do.....	491.67	
Tremewan, C. Sydney.....	do.....	483.34	38.45
Wessel, Luis.....	do.....	495.84	
Young, Carl H.....	do.....	494.73	
Jorgens, J. W.....	Assistant forest ranger, at \$900 and \$1,000.	18.06	
Abbey, Harvey.....	Assistant forest ranger, at \$900.	450.00	
Adams, Lawrence J.....	do.....	450.00	
Albrecht, Henry F.....	do.....	75.00	
Alverson, John E.....	do.....	450.00	
Anderson, Joseph F.....	do.....	450.00	
Anderson, Lewis H.....	do.....	450.00	
Averett, Murray.....	do.....	450.00	
Babbitt, Woodford H.....	do.....	450.00	49.50
Balle, Christian T.....	do.....	75.00	
Bannister, Leslie O.....	do.....	450.00	
Barber, Jack R.....	do.....	450.00	
Barnard, John.....	do.....	450.00	
Barnett, Joseph.....	do.....	375.00	
Barr, William J.....	do.....	450.00	
Barstow, Glidden J.....	do.....	450.00	
Bayer, Charles J.....	do.....	450.00	
Belknap, George E.....	do.....	450.00	
Bellairs, Newton G.....	do.....	450.00	
Berglund, Abel C.....	do.....	450.00	
Berry, Charles H.....	do.....	445.00	
Betensen, Jose.....	do.....	287.50	
Bidgood, Claude L.....	do.....	450.00	
Bond, Ernest C.....	do.....	450.00	
Bondurant, Benj. F.....	do.....	450.00	
Booker, George W.....	do.....	375.00	
Booth, John R.....	do.....	447.50	
Bowen, Raymond A.....	do.....	450.00	
Brannan, Henry W.....	do.....	450.00	
Brockbank, John P.....	do.....	450.00	
Brown, Clarence A.....	do.....	450.00	
Brown, Frank S.....	do.....	70.00	
Brown, Roland W.....	do.....	450.00	
Brown, William J.....	do.....	450.00	
Bryant, Cyrus L.....	do.....	450.00	
Brundige, Lew.....	do.....	295.00	
Buker, E. T.....	do.....	450.00	
Burke, Thomas J.....	do.....	450.00	
Calbick, Allen O.....	do.....	122.50	
Caley, Eugene C.....	do.....	450.00	
Carlow, jr., William A.....	do.....	450.00	
Cavin, George W.....	do.....	450.00	
Chavez, jr., J. M. C.....	do.....	150.00	
Christensen, Theo.....	do.....	450.00	
Clark, Jay C.....	do.....	427.50	
Clark, Robert E.....	do.....	450.00	
Cleave, Paul.....	do.....	342.50	
Clifton, S. B.....	do.....	450.00	
Cochran, J. D.....	do.....	225.00	
Cole, George A.....	do.....	57.50	
Colman, Samuel M.....	do.....	450.00	
Conrad, Howard M.....	do.....	450.00	
Cooper, Lee E.....	do.....	450.00	22.00
Couch, Edmund.....	do.....	450.00	10.90
Coulter, Otto V.....	do.....	375.00	
Cox, William W.....	do.....	400.00	
Crawford, F. W.....	do.....	450.00	
Critchfield, F. H.....	do.....	450.00	
Crockett, George D.....	do.....	450.00	
Crossley, Harry E.....	do.....	335.00	
Crossley, Thomas.....	do.....	445.00	
Crumb, Loyal H.....	do.....	270.00	
Cunningham, Frank P.....	do.....	315.00	
Dame, Roy.....	do.....	272.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
David, John E.....	Assistant forest ranger, at \$900.....	\$450.00	.....
Davidson, Zachary T.....	do.....	335.00	.....
Davis, Drury D.....	do.....	115.00	.....
Decker, Isaac W.....	do.....	375.00	.....
De la Riva, Alfredo G.....	do.....	450.00	.....
De Long, Albert J.....	do.....	450.00	.....
Dinsmore, Thomas T.....	do.....	450.00	.....
Donaldson, Walter A.....	do.....	450.00	.....
Dunham, Daniel J.....	do.....	417.50	.....
Durbin, Martin S.....	do.....	450.00	.....
Dwire, Carroll R.....	do.....	450.00	\$57.90
Eckis, Daniel O.....	do.....	432.50	.....
Edmunds, Nate L.....	do.....	225.00	.....
Eliason, B. F.....	do.....	285.00	.....
Faulkner Normandus C.....	do.....	440.00	.....
Ferguson, John A.....	do.....	412.50	.....
Finch, E. J.....	do.....	450.00	.....
Finley, Robert.....	do.....	450.00	.....
Fitting, Louis.....	do.....	450.00	.....
Foster, A. B.....	do.....	450.00	.....
Franshaw, Rhesis.....	do.....	450.00	.....
Frye, Clarence W.....	do.....	375.00	.....
Gallegos, Tibo.....	do.....	375.00	.....
Garner, Newton.....	do.....	450.00	.....
Garrett, Ballard R.....	do.....	450.00	.....
Garrison, James S.....	do.....	522.50	.....
Geduhu, Frank C.....	do.....	225.00	.....
George, Clarence L.....	do.....	450.00	.....
Gibbons, W. W.....	do.....	450.00	.....
Gleason, Carl W.....	do.....	525.00	304.40
Goe, Ben F.....	do.....	47.50	.....
Goodwin, Grover T.....	do.....	337.50	.....
Gooldy, Penn L.....	do.....	450.00	.....
Graham, Fred.....	do.....	450.00	.....
Graham, John, jr.....	do.....	450.00	.....
Gray, Charles T.....	do.....	450.00	.....
Gray, John T.....	do.....	450.00	.....
Griffitts, H. H.....	do.....	87.50	.....
Haines, Roscoe.....	do.....	450.00	.....
Hall, Willie J.....	do.....	107.50	.....
Hanks, Walter E.....	do.....	407.50	.....
Hardy, Albert A.....	do.....	442.50	.....
Hardy, C. P.....	do.....	450.00	.....
Hastings, Lucas W.....	do.....	450.00	.....
Hathaway, Elmer E.....	do.....	450.00	.....
Haun, Frank D.....	do.....	450.00	.....
Henderson, Sebird.....	do.....	450.00	.....
Hennings, Byron W.....	do.....	332.50	.....
Herrick, Coit E.....	do.....	450.00	.....
Hinst, Henry C.....	do.....	450.00	.....
Hoeger, Otto W.....	do.....	320.00	.....
Hoge, William B.....	do.....	450.00	.....
Hollister, George C.....	do.....	450.00	.....
Hooper, Albert N. D.....	do.....	187.50	.....
Hotelling, William H.....	do.....	450.00	.....
Howell, Thomas F.....	do.....	450.00	.....
Hubbard, Guy N.....	do.....	450.00	.....
Huff, Calvin A.....	do.....	450.00	.....
Hughes, John R.....	do.....	387.50	.....
Humphrey, Joseph W.....	do.....	450.00	.....
Hunnicut, Edwin W.....	do.....	450.00	.....
Hurt, Lonzo D.....	do.....	375.00	.....
Hurt, Abel Z.....	do.....	450.00	.....
Iverson, Andrew C.....	do.....	225.00	.....
Jarvis, Charles E.....	do.....	450.00	.....
Jayne, Milton R.....	do.....	450.00	.....
Jewell, James E.....	do.....	450.00	.....
Johnson, Grafton F.....	do.....	435.00	.....
Johnson, W. A.....	do.....	242.50	.....
Jones, Birtsal W.....	do.....	450.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kandel, John B.	Assistant forest ranger, at \$900.	\$450.00	
Kanistanaux, W. H.	do.	317.50	
Keller, A. C.	do.	450.00	
Keltie, F. P.	do.	312.50	
Kerby, D. H.	do.	450.00	
Kertz, Chas. H.	do.	125.00	
Knowlton, Frank F.	do.	450.00	
Kurtz, Frank W.	do.	450.00	
Langworthy, James N.	do.	450.00	
Lantry, V. Gifford, jr.	do.	450.00	
Larsen, Axel E.	do.	450.00	
Layton, A. F.	do.	450.00	
Leeper, James W.	do.	145.00	
Lewis, Albert W.	do.	447.50	
Libeu, Joseph J.	do.	408.75	
Liston, R. H.	do.	375.00	
Lorenzen, L. N.	do.	450.00	
Lyon, Robert G.	do.	332.50	
McAllister, Martin L.	do.	392.50	
McCall, James D.	do.	450.00	
McCarthy, Francis T.	do.	450.00	
McClain, J. Fred.	do.	450.00	
McCullough, W. A.	do.	450.00	
McDonald, A. O.	do.	446.10	
McDonald, Robert W.	do.	450.00	
McGhie, William M.	do.	450.00	
McKee, Silas L.	do.	450.00	
Madsen, Parley C.	do.	415.00	
Martin, George E.	do.	450.00	
Mason, Webster G.	do.	450.00	
Mattsson, Bernard E.	do.	445.00	
Maxfield, John D.	do.	300.00	
May, Thomas O.	do.	195.00	
Mead, Frank L.	do.	450.00	
Merrill, Gerald.	do.	450.00	
Meyer, Arthur R.	do.	450.00	
Miller, William H.	do.	450.00	\$18.60
Morgan, Harry N.	do.	450.00	
Mosimann, Louis H.	do.	450.00	
Moya, M. F.	do.	450.00	
Mundell, Lewis J.	do.	442.50	
Murray, Ray.	do.	375.00	
Musgrave, Henry S.	do.	267.50	
Myers, Lester S.	do.	450.00	
Neal, A. M.	do.	450.00	
Nichols, William J.	do.	450.00	
Nielson, Oluf G.	do.	450.00	
Olinger, Winfield S.	do.	202.50	
Pace, Willford.	do.	450.00	
Pattan, Adelbert E.	do.	442.50	
Patterson, Charles F.	do.	450.00	
Patton, James W.	do.	450.00	
Pease, M. L.	do.	450.00	
Peltz, Robert L.	do.	450.00	
Pennock, Frank W.	do.	450.00	
Perkins, John E.	do.	135.00	
Pestoni, John B.	do.	450.00	
Peterson, Lehi, jr.	do.	427.50	
Peterson, Peter G.	do.	450.00	
Phillips, Horace B.	do.	415.00	
Pierce, William H.	do.	450.00	
Pierpont, Russell B.	do.	450.00	
Pine, Myron, jr.	do.	225.00	
Poore, James F.	do.	415.00	
Pratt, Samuel R.	do.	450.00	
Price, Norman B.	do.	450.00	13.50
Purdy, Lewis.	do.	375.00	
Purtyman, George S.	do.	450.00	
Rea, J. E.	do.	450.00	
Redstone, Albert E.	do.	450.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses; Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Reed, George A.....	Assistant forest ranger, at \$900.....	\$450.00	\$213.05
Reed, James B.....	do.....	450.00	
Reid, John S.....	do.....	432.50	
Reid, Joseph W.....	do.....	450.00	
Reynolds, Dexter B.....	do.....	162.50	
Reynolds, Thomas N.....	do.....	450.00	
Rice, Frank E.....	do.....	370.00	
Rice, John W.....	do.....	450.00	
Richardson, Benj. R.....	do.....	450.00	
Richardson, Hamilton.....	do.....	75.00	
Richardson, James F.....	do.....	420.00	
Rider, W. B.....	do.....	450.00	
Ridgeway, Roy D.....	do.....	450.00	
Riis, John.....	do.....	450.00	33.15
Robertson, Mark M.....	do.....	375.00	
Robinson, W. K.....	do.....	300.00	
Rogers, R. R.....	do.....	375.00	
Rollinson, J. K.....	do.....	450.00	
Rose, Hyrum O.....	do.....	450.00	
Rosencrane, Rudolph.....	do.....	442.50	
Ruth, Thomas B.....	do.....	450.00	
Ryan, Josephus.....	do.....	450.00	
Ryan, William A.....	do.....	75.00	
Sandercock, Benj. F.....	do.....	365.00	
Say, Arthur P.....	do.....	450.00	
Scherman, Joseph G.....	do.....	375.00	
Scott, Erle W.....	do.....	450.00	
See, William.....	do.....	450.00	
Senecal, John B.....	do.....	337.50	
Sevier, J. M.....	do.....	182.50	
Shartzler, L. A.....	do.....	450.00	
Shelley, Percy T.....	do.....	237.50	
Shoemaker, Theodore.....	do.....	450.00	
Shoemaker, Theo., jr.....	do.....	115.00	
Shurtz, Josiah.....	do.....	345.00	
Sieberttritt, George.....	do.....	450.00	
Simmons, James A.....	do.....	450.00	
Simons, William E.....	do.....	260.00	
Simpson, Jacob.....	do.....	75.00	
Sivertson, John S.....	do.....	450.00	
Skinner, W. D.....	do.....	112.50	
Sloan, Thos. W.....	do.....	450.00	
Smith, Charles.....	do.....	375.00	
Smith, Edgar W.....	do.....	450.00	
Smith, Foster G.....	do.....	450.00	14.65
Smith, Franklin H.....	do.....	450.00	
Smith, William A.....	do.....	450.00	
Snell, Irving P.....	do.....	450.00	
Sobey, Frank P.....	do.....	450.00	10.90
Sparhawk, Frank O.....	do.....	450.00	
Stanchfield, J. G.....	do.....	450.00	
Stahl, Edward G.....	do.....	450.00	
Stark, W. T.....	do.....	450.00	
Stephenson, E. E.....	do.....	440.00	
Stephenson, James B.....	do.....	450.00	
Stewart, John.....	do.....	450.00	
Swallow, Lewis A.....	do.....	450.00	
Swan, William.....	do.....	450.00	
Sweitzer, Albert L.....	do.....	435.00	
Tanner, E. B.....	do.....	450.00	
Thomas, Frank W.....	do.....	375.00	
Thompson, James M.....	do.....	450.00	
Thompson, Thomas.....	do.....	450.00	
Thomson, Frank S.....	do.....	450.00	
Thomson, Rich Roy.....	do.....	442.50	
Thrower, W. H.....	do.....	450.00	
Toler, John Y.....	do.....	450.00	
Vance, James D.....	do.....	450.00	
Van Winkle, Harry F.....	do.....	450.00	
Waldref, Henry.....	do.....	330.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Walker, Albert B.	Assistant forest ranger, at \$900	\$225.00	
Wallace, William J.	do	265.00	
Watson, Robert J.	do	450.00	
West, John C.	do	410.00	
Westfall, J. J.	do	225.00	
Whiting, J. K.	do	7.50	
Widman, George C.	do	450.00	
Wiehe, William	do	450.00	
Wigal, Elias J.	do	412.50	
Wilcox, Hiram R.	do	445.00	
Willis, Charles O.	do	197.50	
Winn, Frederic	do	450.00	
Wixom, Arthur H.	do	202.50	
Woods, Eustace A.	do	450.00	
Woolstenhulme, T. E.	do	450.00	
Wright, Abner T.	do	75.00	
Young, Henry C.	do	450.00	
Mazrall, Frank.	do	300.00	
Stout, James	Assistant forest ranger, at \$720	308.00	
Bell, Archie N.	Forest guard, at \$1,200	36.67	
Brotherton, George W.	do	180.00	
Marshall, Robert E.	do	300.00	
Mathias, Royal F.	do	180.00	
Smith, Raymond F.	do	186.67	
Bennett, Richard P.	Forest guard, at \$900 and \$1,200	281.66	
Hiskey, George B.	do	485.83	
Van Osten, James W.	do	408.33	
Mathews, Harry E.	Forest guard, at \$900, \$1,000, and \$1,200	539.17	\$37.70
Rogers, Benjamin L.	Forest guard, at \$900 and \$1,100	496.67	
Thompson, George C.	Forest guard, at \$900, and forest ranger, at \$1,200	1,025.00	586.45
Linscott, Sam S.	Forest guard, at \$900, and deputy forest ranger, at \$1,100	633.33	705.05
McLaughlin, Robert P.	Forest guard, at \$900, and deputy forest ranger, at \$1,000	927.50	701.90
Acord, Thomas	Forest guard, at \$900, and deputy forest ranger, at \$1,100	483.34	
Castle, Charles L.	Forest guard and assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100	1,000.00	1,170.65
Wright, Frank H.	Forest guard, at \$900, and deputy forest ranger, at \$1,000	477.78	
Pring, W. H.	Forest guard, at \$900, and assistant forest ranger, at \$1,000	402.51	395.23
Porter, Gardner I.	Forest guard, clerk, stenographer, and type-writer, and assistant forest ranger, at \$900	385.00	
Hulbert, E. W.	Forest guard, and clerk, stenographer, and type-writer, at \$900	375.00	
Bullard, F. A.	Forest guard and deputy forest ranger, at \$900	367.50	
Aitken, Morrison.	Forest guard and assistant forest ranger, at \$900	465.00	
Allen, Grover A.	do	450.00	
Allen, John L.	do	222.50	
Almen, Norton L.	do	415.00	
Anderson, William A.	do	192.50	
Andrews, Frank E.	do	450.00	25.25
Arnold, Asa G.	do	450.00	
Baker, G. A.	do	447.50	
Barber, Charles L.	do	450.00	
Barringer, Henry P.	do	380.00	
Beam, Charles A.	do	450.00	
Benson, John C.	do	450.00	
Billings, Nelson Jay	do	450.00	
Blair, Ole E.	do	450.00	
Blake, F. G.	do	450.00	
Blankenship, E. O.	do	450.00	
Bletcher, W. B.	do	442.50	
Blevins, Leo A.	do	375.00	
Bluck, Edwin	do	450.00	
Bradner, George	do	450.00	
Brady, James	do	442.50	
Breen, John Elmer	do	437.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brown, J. Arthur.....	Forest guard and assistant forest ranger, at \$900.	\$412.50	.....
Bucher, A. J.....	do.	375.00	.....
Bushnell, Howard C.....	do.	227.50	.....
Bushnell, Ralph H.....	do.	395.00	\$105.80
Butler, Frank M.....	do.	450.00	.....
Butterfield, W. C.....	do.	450.00	.....
Cayton, James G.....	do.	237.50	.....
Champion, William V.....	do.	302.50	.....
Christensen, Alfred.....	do.	450.00	.....
Christiansen, J. N.....	do.	375.00	.....
Clark, E. R.....	do.	260.00	.....
Clark, Fred B.....	do.	350.00	.....
Clay, Clifford, H.....	do.	360.00	.....
Clyde, John D.....	do.	362.50	.....
Cockrell, Ora.....	do.	450.00	.....
Cole, Albert E.....	do.	450.00	.....
Conger, Willis.....	do.	450.00	.....
Conley, W. O.....	do.	275.00	.....
Connors, J. F.....	do.	450.00	.....
Crawford, Chipman L.....	do.	450.00	.....
Cressler, B. F.....	do.	430.00	.....
Currie, G. Hugh.....	do.	450.00	19.10
Dailey, J. W.....	do.	450.00	.....
Debitt, R. M.....	do.	450.00	.....
DeForest, G. Ewing.....	do.	385.00	.....
De Witt, Jessie.....	do.	450.00	.....
Dinsmoore, John M.....	do.	362.50	.....
Dixon, Peter A.....	do.	437.50	.....
Donery, Joseph A.....	do.	450.00	.....
Donnelly, W. A.....	do.	407.50	.....
Downs, Newton V.....	do.	365.00	.....
Dunn, Earle W.....	do.	427.50	.....
Elder, Jason S.....	do.	375.00	.....
Ellis, William M.....	do.	377.50	.....
Emery, Oscar A.....	do.	255.00	.....
Erwin, Hector F.....	do.	442.50	.....
Ezell, Sumner T.....	do.	450.00	.....
Fay, Herbert B.....	do.	260.00	.....
Fisk, Dannie W.....	do.	450.00	.....
Foster, Fred R.....	do.	320.00	.....
Frey, John.....	do.	265.00	.....
Gallooly, J. W.....	do.	450.00	.....
Gardner, Irvine P.....	do.	260.00	.....
Gaslin, Joseph A.....	do.	450.00	.....
Gilbreath, Earl R.....	do.	450.00	.....
Gott, William.....	do.	375.00	.....
Graham, Frank A.....	do.	340.00	.....
Hageman, John A.....	do.	420.00	.....
Halvorsen, Earl.....	do.	450.00	131.10
Hamilton, Maurice.....	do.	362.50	.....
Hammond, H. B.....	do.	257.50	.....
Hampton, John G.....	do.	450.00	.....
Hansen, H. T.....	do.	375.00	.....
Hansen, James R.....	do.	340.00	.....
Harkness, Daniel D.....	do.	307.50	.....
Harpham, Vernon V.....	do.	450.00	.....
Harris, Joseph A.....	do.	450.00	.....
Hart, Fred G.....	do.	450.00	.....
Hartley, Leonard.....	do.	315.00	.....
Herrington, Thomas E.....	do.	450.00	.....
Hilton, David B.....	do.	450.00	.....
Hurd, Herbert L.....	do.	450.00	.....
Ingram, Clarence J.....	do.	450.00	.....
Judd, Daniel K.....	do.	450.00	.....
Kelsoe, J. W.....	do.	450.00	.....
Kiermeyer, Isador.....	do.	450.00	.....
Kinney, George M.....	do.	407.50	.....
Kinney, William T.....	do.	347.50	.....
Knowles, Louis.....	do.	450.00	.....
Kroencke, John H.....	do.	375.00	.....

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Launer, T. L.	Forest guard and assistant forest ranger, at \$900.	\$277.50	
Leavitt, Scott	do	375.00	
Leese, James P.	do	450.00	
Lewis, Melvin M.	do	450.00	
Lewis, R. O.	do	450.00	
Livesay, George W.	do	305.00	
Long, Harry H.	do	450.00	
McCarthy, M. H.	do	380.00	
McKay, Alvy E.	do	332.50	
McNamara, Hubert A.	do	450.00	
McNelly, John C.	do	450.00	
Mahn, E. H.	do	435.00	
Mallery, Willard A.	do	450.00	
Mapes, Homer J.	do	450.00	
Milbury, Wm. B.	do	375.00	
Miller, George	do	450.00	
Mills, Harvey H.	do	50.00	
Morgan, Lewis T.	do	225.00	
Morris, Walter T.	do	450.00	
Morrow, James O.	do	450.00	
Musgrave, M. E.	do	425.00	
Musick, Walter G.	do	440.00	
Myers, D. W.	do	450.00	
Norton, George A.	do	450.00	
Pearson, C. L.	do	450.00	
Pelton, James L.	do	450.00	
Peterson, Nelse E.	do	450.00	
Pfost, Christopher W.	do	440.00	
Railey, Charles M.	do	440.00	
Ranney, George F.	do	450.00	
Rawson, Alvan L.	do	450.00	
Reed, Homer O.	do	450.00	
Reid, C. C.	do	300.00	
Reynolds, Amasa O.	do	450.00	
Rice, Delmer S.	do	450.00	
Rice, Peter S.	do	355.00	
Roberts, Fred D.	do	335.00	
Robertson, Arthur V.	do	450.00	
Robertson, Benjamin.	do	375.00	
Rogerson, John E., jr.	do	397.50	
Ryan, James M.	do	432.50	
Schick, Harry C.	do	450.00	
Sease, Samuel J.	do	407.50	
Severe, George H.	do	445.00	
Shelledy, Benj. F.	do	232.50	
Sherod, Earl H.	do	450.00	
Shults, James G.	do	447.50	
Simmons, Clyde B.	do	375.00	
Smith, L. L.	do	440.00	
Smith, R. E.	do	450.00	
Snider, H. R.	do	450.00	
Snow, Ellis B.	do	450.00	
Snow, John.	do	387.50	
Snyder, Herbert E.	do	357.50	
Soards, Roysten J.	do	450.00	
Sobey, Robert T.	do	292.50	
Steele, James W.	do	450.00	
Stell, William	do	260.00	
Stephens, John E.	do	190.00	
Stillwell, Wilbur J.	do	375.00	
Stockbridge, A. J.	do	440.00	
Stone, Eugene M.	do	375.00	
South, Perry A.	do	450.00	
Story, Clark W., jr.	do	450.00	
Stuart, Frank C.	do	450.00	
Theurer, David O.	do	450.00	
Thompson, B. F.	do	450.00	
Thompson, Charles C.	do	450.00	
Thompson, Robert.	do	450.00	
Thorpe, Charles L.	do	275.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Trenary, Geo. W.	Forest guard and assistant forest ranger, at \$900.	\$372.50	
Tungate, Ira.	do.	447.50	
Uhlman, Fred.	do.	307.50	
Utley, William H.	do.	402.50	
Van Dyk, Gerritt M.	do.	450.00	
Verner, Thomas.	do.	220.00	
Walton, A. H.	do.	425.00	
Waters, Roy G.	do.	375.00	
Watkins, Thomas J.	do.	375.00	
Wells, Thomas F.	do.	427.50	
Wheeler, E. W.	do.	300.00	
Wiley, M. B.	do.	450.00	
Wilson, Emery E.	do.	450.00	
Woolsey, Joseph H.	do.	450.00	
Yerkes, H. B.	do.	450.00	
Amble, Nels.	Forest guard, at \$900.	300.00	
Arentson, Carl B.	do.	225.00	
Arthur, O. F.	do.	197.50	
Austin, Ben F.	do.	340.00	
Bailey, Samuel H.	do.	100.00	
Baker, Bennett L.	do.	275.00	
Baker, Emmet D.	do.	150.00	
Baldwin, Samuel C.	do.	222.50	
Barber, Homer J.	do.	185.00	
Barnes, Walter S.	do.	312.50	
Bartlett, Arthur W.	do.	375.00	
Beal, Orion L.	do.	150.00	
Beavers, William G.	do.	305.00	
Beckley, Morton S.	do.	165.00	
Belk, Howard.	do.	132.50	
Benham, Henry L.	do.	415.00	\$407.70
Bennett, Arthur.	do.	447.50	
Bennett, James M.	do.	250.00	
Bice, Fred E.	do.	87.50	
Bingham, Jacob M.	do.	300.00	
Bird, Mrs. Rose, heir at law of Fred J. Bird, deceased.	do.	80.00	
Blackwell, G. M.	do.	300.00	
Blankenship, Harry C.	do.	250.00	
Blatt, Fred W.	do.	125.00	98.00
Blundell, Ira W.	do.	352.50	
Bohall, Auston.	do.	67.50	
Bonney, James H.	do.	82.50	
Bosse, William L.	do.	450.00	
Bowen, Cord C.	do.	55.00	
Boyd, C. H.	do.	127.50	
Boyle, Jeff.	do.	52.50	
Bradley, Carlos D.	do.	180.00	
Brecklein, E. O.	do.	300.00	
Breidenstein, F. L.	do.	450.00	
Brewster, Fred. C.	do.	62.50	
Broadhurst, Willis E.	do.	127.50	
Brown, James A.	do.	280.00	
Brown, Mortimer J.	do.	292.50	
Brundige, Henry.	do.	187.50	
Buckhouse, J. D.	do.	440.00	
Buckmaster, Harry D.	do.	262.50	
Bullock, Herbert S.	do.	250.00	
Bullock, Sumner R.	do.	187.50	
Burns, P. T.	do.	290.00	
Burr, Horace J.	do.	217.50	
Buster, Monty E.	do.	225.00	
Butterfield, Geo. C.	do.	375.00	
Byrne, James E.	do.	157.50	
Cadle, Theodore.	do.	365.00	
Campbell, Alonzo L.	do.	235.00	
Campbell, C. P.	do.	170.00	
Campbell, Harry N.	do.	35.00	
Cannon, M. Thurman.	do.	450.00	
Cantrell, William R.	do.	207.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Card, William.....	Forest guard, at \$900.....	\$225.00	
Carmichael, Lock O.....	do.....	147.50	
Carper, Joseph K.....	do.....	160.00	
Cayot, F. B.....	do.....	270.00	
Chamberlin, John.....	do.....	262.50	
Cheney, Edward M.....	do.....	342.50	
Christopher, R. C.....	do.....	62.50	
Clabby, Robert E.....	do.....	225.00	
Clark, Edward F.....	do.....	305.00	
Clements, James W.....	do.....	360.00	
Coglon, Victor D.....	do.....	237.50	
Cole, William H.....	do.....	375.00	
Colter, Harry N.....	do.....	250.00	
Compton, R. B.....	do.....	32.50	
Converse, Henry W.....	do.....	92.50	
Cook, Hugh D.....	do.....	122.50	
Cook, John H.....	do.....	387.50	
Cook, Warren E.....	do.....	187.50	
Corn, Perry.....	do.....	92.50	
Cottrell, George C.....	do.....	450.00	
Coulter, Guy R.....	do.....	15.00	
Cox, Giles A.....	do.....	300.00	
Crane, Edgar S.....	do.....	20.00	
Crane, Harlen.....	do.....	60.00	
Crerar, William S.....	do.....	180.00	
Cress, John.....	do.....	75.00	
Criswell, William H.....	do.....	410.00	
Croxford, Harry.....	do.....	450.00	
Cunniff, John.....	do.....	252.50	
Curry, W. S.....	do.....	17.50	
Dailey, Bert.....	do.....	310.00	
Darley, William M.....	do.....	275.00	
Deaver, Sherman.....	do.....	160.00	
Dedrick, Charles G.....	do.....	323.75	
Dee, John.....	do.....	262.50	
Deegan, Jno. J.....	do.....	385.00	
De Lany, H. E.....	do.....	450.00	
Dell, Walter V.....	do.....	372.50	
Denison, John J.....	do.....	187.50	
Dimick, Marquis S.....	do.....	155.00	
Dugley, Roscoe G.....	do.....	35.00	
Earle, William R.....	do.....	7.50	
Eastman, E. W.....	do.....	340.00	
Edick, Mark.....	do.....	145.00	
Edson, Gordon.....	do.....	75.00	
Edwards, Eli.....	do.....	300.00	
Edwards, Walter.....	do.....	383.75	
Ellis, John W.....	do.....	330.00	
Ellis, Samuel M.....	do.....	266.25	
Emmons, Charles L.....	do.....	417.50	
Evans, Thomas.....	do.....	335.00	
Fields, Lee S.....	do.....	112.50	
Fitting, R. R.....	do.....	262.50	
Fowler, Joseph.....	do.....	235.00	
Fulton, William R.....	do.....	147.50	
Gannon, Geo. F.....	do.....	11.25	
Gardner, Sidney.....	do.....	317.50	
Gatlin, Albert A.....	do.....	442.50	
Gearhart, George.....	do.....	112.50	
Gibbons, Joseph A.....	do.....	375.00	
Giddings, J. G.....	do.....	750.00	
Gilliam, J. J.....	do.....	12.50	
Gilliam, T. J.....	do.....	240.00	
Gillis, William.....	do.....	107.50	
Gilmore, David B.....	do.....	225.00	
Gordon, David.....	do.....	112.50	
Gordon, Granville J.....	do.....	450.00	
Grace, Thos. C., jr.....	do.....	450.00	
Graff, Herbert.....	do.....	190.00	
Gray, Frank E.....	do.....	450.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Green, John B.	Forest guard, at \$900.	\$407.50	
Greenamyre, Harold.	do.	150.00	
Gregory, John S.	do.	25.00	
Greve, T. W.	do.	177.50	
Gribble, John E.	do.	277.50	
Gribble, M. J.	do.	75.00	
Gribble, Raymond N.	do.	282.50	
Gross, Jesse L.	do.	250.00	
Gundlach, August W. F.	do.	450.00	
Gustafson, George H.	do.	62.50	\$82.19
Hackett, Henry.	do.	115.00	
Hall, W. A.	do.	67.50	
Hall, Walter H.	do.	172.50	
Halstead, Albert.	do.	312.50	
Haman, Frederick C.	do.	432.50	
Hamersley, W. R.	do.	432.50	
Hammer, Leslie L.	do.	375.00	
Hammock, Leonard D.	do.	337.50	
Hansen, Hyrum O.	do.	290.00	
Harr, Ralph V.	do.	385.00	
Harrington, Louis C.	do.	262.50	
Harte, Frank E.	do.	357.50	
Haston, Warren S.	do.	37.50	
Hatton, Thos. C.	do.	350.00	
Hawkins, Leonard.	do.	177.50	
Hays, Oscar O.	do.	390.00	
Head, Orin F.	do.	300.00	
Healey, Mark L.	do.	397.50	
Heighe, F. C., Jr.	do.	160.00	
Hendricks, Emil.	do.	327.50	
Herman, Charles F.	do.	207.50	
Hicks, Clifford C.	do.	220.00	
Higgins, Frank.	do.	450.00	
Higgins, Jay.	do.	85.00	
Hill, Echo B.	do.	167.50	
Hill, Frank P.	do.	312.50	
Hobron, Ferris D.	do.	220.00	
Hocker, Clarence.	do.	182.50	
Hoke, Frank E.	do.	40.00	
Holland, Howard C.	do.	52.50	
Holt, Lewis.	do.	7.50	
Houglan, Hayes W.	do.	130.00	
Hoyt, Israel.	do.	175.00	
Hubbard, John V.	do.	742.50	697.93
Huffman, Wm. P.	do.	340.00	
Hughes, Fred E.	do.	415.00	
Hughes, J. A.	do.	192.50	
Humphrey, James C.	do.	277.50	
Imes, Charles R.	do.	310.00	
Ireland, Asher.	do.	145.00	
Irvine, C. M.	do.	300.00	
Irwin, W. W.	do.	182.50	
Jackson, Andrew J.	do.	450.00	
Jackson, Clarence W.	do.	432.50	
Jackson, Frank.	do.	192.50	
Jackson, R. B.	do.	127.50	
James, George W.	do.	342.50	
Jeanson, Ross H.	do.	205.00	
Jellerson, Guy.	do.	262.50	
Johansen, Chriss J.	do.	75.00	
Johnson, James H.	do.	450.00	
Johnson, R. R. A.	do.	30.00	
Johnston, Percy G.	do.	375.00	
Kail, Edmund.	do.	47.50	
Keating, Gust.	do.	187.50	
Kennaday, Andrew J.	do.	385.00	
Kennedy, Louis J.	do.	210.00	
Kennington, Joseph H.	do.	450.00	
Kenny, J. C.	do.	45.00	
Kepford, Walter A.	do.	75.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kerlee, W. A.	Forest guard, at \$900.	\$225.00	
Kierstead, William E.	do.	375.00	
King, Otto.	do.	182.50	
Kirchner, John.	do.	225.00	
Knaggs, Robert B.	do.	132.50	
Kottkey, Henry F.	do.	437.50	
Kress, Charles J.	do.	167.50	
Krupp, Frank A.	do.	215.00	
La Forge, Harry J.	do.	112.50	
Leach, George E.	do.	450.00	
Ledbetter, J. R.	do.	115.00	
Lewis, Bert.	do.	337.50	
Lewis, Ralph R.	do.	220.00	
Lindsey, Elmer H.	do.	225.00	
Lochyear, Joseph.	do.	37.50	
Logan, W. F.	do.	155.00	
Lord, John G.	do.	265.00	
Loring, Frank E.	do.	285.00	
Lucas, L. E.	do.	300.00	
Luce, Alonzo.	do.	150.00	
Lunsford, William J.	do.	357.50	
Lynn, Alma.	do.	250.00	
Lynn, Fred.	do.	107.50	
Lynn, Ross.	do.	147.50	
Lynn, W. T.	do.	108.75	
Lyon, Harry E.	do.	152.50	
McAnally, Knox.	do.	392.50	
McCarty, A. R.	do.	177.50	
McCauley, Chas. M.	do.	370.00	
McConnochie, Robert W.	do.	157.50	
McCulley, Wm.	do.	135.00	
McDonald, William J.	do.	235.00	
McDuffie, Arthur.	do.	27.50	
McGee, J. D.	do.	275.00	
McGinniss, Thomas.	do.	295.00	
McNamara, J. H.	do.	225.00	
McPhail, J. Stewart.	do.	202.50	
McRee, Jackson.	do.	260.00	
MacLewee, S. W.	do.	15.00	
Mahoney, Bert.	do.	175.00	
Mainwaring, C. A.	do.	35.00	
Manring, William V.	do.	300.00	
Marsh, George.	do.	257.50	
Martin, Ira S.	do.	70.00	
Meddock, Robt.	do.	300.00	
Mellenthin, Walter.	do.	37.50	
Merrifield, Harry M.	do.	307.50	
Merrill, Fred.	do.	225.00	
Mock, M. A.	do.	225.00	
Molter, R. W.	do.	330.00	
Monahan, William.	do.	450.00	
Monroe, Thomas C.	do.	225.00	
Monteith, James C.	do.	150.00	
Moody, Arthur E.	do.	412.50	
Moore, Stephen A.	do.	380.00	
Moore, William A.	do.	300.00	
Moore, William S.	do.	300.00	
Morrison, D. R.	do.	225.00	
Morse, Chester B.	do.	450.00	
Moss, Francis.	do.	450.00	
Mosteller, Joseph.	do.	257.50	
Moulton, W. A.	do.	300.00	
Murray, William H.	do.	187.50	
Neal, Clifford E.	do.	237.50	
Neal, Leo.	do.	330.00	
Neidhardt, Jno. G.	do.	240.00	
Nelson, Leo.	do.	337.50	
Nevers, Edward, Jr.	do.	82.50	
Newell, George.	do.	107.50	
Newman, William W.	do.	22.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Newport, Lee C.	Forest guard, at \$900.	\$157.50	
Nichols, George	do.	450.00	
Niven, Stanley L.	do.	215.00	
Nixon, Chester S.	do.	147.50	
Noon, Arthur H.	do.	402.50	
Norton, David D.	do.	175.00	
Notestein, Frank B.	do.	182.50	
Oliphant, Jas. A.	do.	362.50	
Oliver, William L.	do.	450.00	
Opalka, Frank.	do.	450.00	
Oswald, Joseph.	do.	330.00	
Ouren, George E.	do.	30.00	
Owens, Elbert C.	do.	242.50	
Owens, James F.	do.	450.00	
Oxford, John P.	do.	359.17	
Paddock, William S.	do.	450.00	
Page, Ernest R.	do.	92.50	
Partridge, Wallace H.	do.	300.00	
Patten, C. H.	do.	357.50	
Patterson, James.	do.	102.50	
Patterson, W. J.	do.	450.00	
Peach, Henry.	do.	192.50	
Pepper, Chas. T.	do.	90.00	
Peterson, Andrew.	do.	450.00	
Peterson, Charles R.	do.	255.00	
Petrie, James P.	do.	167.50	
Phelan, Lawrence J.	do.	12.50	
Phillips, Bert G.	do.	450.00	
Pinkerton, Thomas R.	do.	250.00	
Plymate, H. G.	do.	225.00	
Poe, William A.	do.	450.00	
Porcher, Francis P.	do.	340.00	
Porter, Hyrum A.	do.	225.00	
Pratt, George L.	do.	372.50	
Pritchard, John H.	do.	430.00	
Fruitt, Grover C.	do.	300.00	
Pryor, William E.	do.	102.50	
Putnam, Roscoe J.	do.	295.00	
Quigley, Elmer E.	do.	252.50	
Radigan, Arthur.	do.	300.00	
Ray, Joseph.	do.	130.00	
Ray, Thomas E.	do.	225.00	
Reindorp, Cecil R. C.	do.	250.00	
Rhyne, S. J.	do.	375.00	
Richardson, E. A.	do.	317.50	
Robinson, Daniel.	do.	300.00	
Rogers, Guy L.	do.	380.00	
Rose, Donald M.	do.	32.50	
Rossiter, Samuel T.	do.	150.00	
Rowley, Ralph E.	do.	305.00	
Rozier, Wm. L.	do.	7.50	
Rudolph, Louis F.	do.	375.00	
Rush, Frank.	do.	292.50	
Rutherford, C. A.	do.	60.00	\$46.10
Rutledge, Fred.	do.	450.00	
Sactinger, Leroy A.	do.	50.00	
Scanlon, Oliver.	do.	60.00	
Scotland, Thomas B.	do.	187.50	
Scott, Thomas C.	do.	380.00	
Seals, Fred J.	do.	340.00	
Sease, Wm. F.	do.	52.50	
Senn, Alfred.	do.	225.00	
Shaw, Ralph R.	do.	210.00	
Shelly, W. E.	do.	102.50	
Sherman, Roger B.	do.	22.50	
Shevling, Louie W.	do.	450.00	
Shipp, Leslie E.	do.	185.00	
Shy, James D.	do.	450.00	
Smith, Arthur F.	do.	137.50	
Smith, Charley D.	do.	307.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Smith, Robert B.	Forest guard, at \$900	\$62.50	
Smith, Vic.	do.	107.50	
Smith, William F.	do.	240.00	
Spackman, Charles A.	do.	450.00	
Squires, Edward E.	do.	167.50	
Squires, William C.	do.	240.00	
Sloat, Albert L.	do.	390.00	
Stafford, Orloff A.	do.	217.50	
Stanton, Claude.	do.	415.00	
Stapleton, Frank E.	do.	170.00	
Steadman, Ernest B.	do.	150.00	
Stevens, Philip.	do.	277.50	
Stonky, Frederick.	do.	265.00	
Streit, J. W.	do.	425.00	
Stuart, W. A.	do.	387.50	\$861.35
Sutherland, Balgrie.	do.	150.00	
Sutherland, S. S.	do.	200.00	
Sutton, Henry W.	do.	307.50	
Swain, Joseph.	do.	272.50	
Sweetland, R. W.	do.	25.00	
Sypher, Arthur W.	do.	345.00	
Taft, Charles W.	do.	167.50	
Taylor, Chess F.	do.	115.00	
Taylor, Joe M.	do.	352.50	
Taylor, S. M.	do.	272.50	
Thomas, T. P.	do.	225.00	
Thomas, William L.	do.	285.00	
Trueman, Ray I.	do.	300.00	
Vall, W. S.	do.	317.50	
Warnack, Benjamin F.	do.	97.50	
Warner, Mark H.	do.	197.50	
Waterworth, John.	do.	120.00	
Watson, Charles E.	do.	327.50	
Weholt, Adolph.	do.	187.50	
Welsh, Thomas H.	do.	170.00	
Welton, Earl V.	do.	225.00	
Wenger, George D.	do.	282.50	
Wether, Ernest.	do.	440.00	
White, James S.	do.	50.00	
Whitesitt, Roy N.	do.	200.00	
Whitlatch, J. S.	do.	450.00	
Wilcox, Newton A.	do.	137.50	
Wilkerson, Jerry F.	do.	165.00	
Williams, J. V.	do.	225.00	
Williams, Walter C.	do.	225.00	
Williamson, Jesse.	do.	47.50	
Wilson, W. I.	do.	290.00	
Winn, James, T.	Forest guard (hunter), at \$900.	175.00	
Woelk, Gustave M.	Forest guard, at \$900.	142.50	
Woods, Harry.	do.	202.50	
Woodward, Chester L.	do.	75.00	
Woodridge, George L.	do.	25.00	
Worrel, W. M.	do.	412.50	
Wright, Sylvanus.	do.	450.00	
Wright, Walter F.	do.	347.50	
Thomas, Bradley M.	Forest guard and clerk, stenographer, and typewriter, at \$720, and clerk and assistant forest ranger, at \$900.	413.00	
Garrett, William X.	Forest guard, at \$720 and \$900, assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	468.34	
Andreasen, A. L.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$900.	435.00	
Austin, A. M.	do.	428.00	
Baker, Albert.	do.	435.00	
Barton, Walter S.	do.	435.00	
Blocker, Sam A.	do.	435.00	
Boyes, William B.	do.	435.00	
Bradford, Fred M.	do.	435.00	
Brann, Frank R.	do.	408.50	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Brown, William M.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$900.	\$435.00	
Carl, Fred W.	do	375.00	
Chamberlain, C. A.	do	435.00	
Christensen, E. M.	do	435.00	
Congleton, C. S.	do	435.00	
Copren, C. A.	do	410.00	
Darling, Wm. R.	do	360.00	
Davidson, Wm. Q.	do	360.00	
De Lano, George L.	do	360.00	
Dorman, John W.	do	377.50	
Drachbar, Francis X.	do	415.00	
Drew, Napoleon B.	do	428.00	
Emerick, Walter F.	do	435.00	
Fickes, Clyde P.	do	427.00	
Gerrish, H. D.	do	435.00	
Hall, Harry C.	do	412.50	
Hiscox, Shepard.	do	427.00	
Hockaday, M. W.	do	435.00	
Hopping, Ralph.	do	288.50	
Huddle, Columbus I.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$1,000.	348.90	
Humiston, George E.	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$900.	435.00	
Hunt, Harry H.	do	435.00	
Johnson, J. P.	do	435.00	
Johnson, Wm. P.	do	435.00	
Johnston, Eugene L.	do	435.00	
King, Clarence A.	do	435.00	
Longwell, Thos. B.	do	435.00	
McAbee, James W.	do	411.50	
McClure, Francis S.	do	435.00	
McGuinness, J. B.	do	427.50	\$16.00
McKnight, James T.	do	430.00	
Maelzer, Lullus G.	do	431.00	
Marshall, Charles E.	do	435.00	
Martin, William C.	do	420.00	
Melone, W. C.	do	430.00	
Metcalf, C. C.	do	435.00	
Moss, Roy.	do	435.00	
Murphy, Dwight.	do	320.00	
Murray, Martin A.	do	360.00	
Petit, F. P.	do	435.00	
Pradt, George K.	do	435.00	
Raymond, W. A.	do	391.00	
Rogers, John H.	do	435.00	
Scott, James A.	do	360.00	
Squires, G. E.	do	428.00	
Viles, H. C.	do	435.00	
Vinal, Leslie F.	do	364.50	
Wilson, Henry G.	do	360.00	
Yates, Ora E.	do	405.00	
York, C. R.	do	428.00	
Young, Richard W.	do	435.00	
Potts, Homer O.	Forest guard, at \$720, and assistant forest ranger, at \$900.	239.00	
Taylor, Ed.	do	351.00	
Tuft, Albert.	do	282.50	
Moody, Joseph M.	Forest guard, at \$420 and \$900, and assistant forest ranger, at \$900.	340.17	
Adamson, Seth.	Forest guard, at \$720 and \$900.	247.50	
Allen, Clarence L.	do	333.50	
Anderson, John N.	do	398.00	
Atkin, Henry A.	do	255.50	
Baker, Wm. L.	do	255.50	
Ballard, Elmer E.	do	255.50	
Bass, Daniel E.	do	435.00	
Baumgartner, John E.	do	255.50	
Beard, Robert J.	do	345.00	
Birdsell, Arlie J.	do	422.50	
Blush, Charles E.	do	210.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Bockman, F. E.	Forest guard, at \$720 and \$900.	\$360.00	
Bolen, James H.	do.	435.00	
Booth, James E.	do.	285.00	
Boothe, Creston L.	do.	345.00	
Boothe, Roy.	do.	430.00	
Brewer, J. L.	do.	405.00	
Bright, Walter A.	do.	143.00	
Brown, Albert C.	do.	435.00	
Buck, L. L.	do.	125.00	
Burlingame, Marion	do.	275.00	
Callahan, Charles R.	do.	375.50	
Chandler, James M.	do.	135.00	
Childs, C. R.	do.	360.00	
Chittenden, Virgil E.	do.	322.50	
Chrisman, Morris.	do.	460.00	
Cilley, Isaac.	do.	168.00	\$347.40
Cluff, Harvey M.	do.	172.50	
Cody, James.	do.	285.00	
Coffman, Chauncey.	do.	267.50	
Cohea, William M.	do.	435.00	
Cooper, William T.	do.	218.00	
Curramings, John B.	do.	255.50	
Cutler, Louis.	do.	235.00	
Daniels, C. A.	do.	413.00	
Dayton, Ben.	do.	285.00	
Deckard, William R.	do.	218.00	
Delbridge, Claud B.	do.	415.00	
Divine, E. S.	do.	135.00	
Dodge, William L.	do.	347.50	
Edmunds, Louis D.	do.	228.00	
Fitzpatrick, John J.	do.	345.00	
Foley, Christopher E.	do.	255.50	
Ford, Ollie J.	do.	111.00	
Fortin, Eddie W.	do.	360.00	
Gilkey, Sylvester.	do.	405.00	
Grand, John.	do.	390.00	
Hale, R. L.	do.	147.50	
Hedrick, Frank.	do.	368.00	
Hickman, Joseph H.	do.	373.00	
Hull, James H.	do.	360.00	
Hurst, C. H.	do.	384.50	
Ivie, Alden S.	do.	238.00	
Ivie, Ray.	do.	255.50	
Johnson, Warren.	do.	230.50	
Johnston, W. F.	do.	398.50	
Jones, Rees V.	do.	360.00	
Jordaur, Chester E.	do.	187.50	
Kendall, William H.	do.	435.00	
Ledford, George R.	do.	272.50	
Lowery, Fred R.	do.	372.50	
Lubken, Albert.	do.	404.50	
Lucas, Roy.	do.	285.50	
McCampbell, James M.	do.	303.00	
McCoy, Melvin R.	do.	268.00	
McEwan, Sherwood S.	do.	290.75	
McLeod, Dan W.	do.	435.00	
McPheters, Wallace.	do.	293.00	
Manary, Wallace.	do.	435.00	
Martinez, Dario.	do.	434.00	
Mathias, R. D.	do.	255.50	
Miller, John M.	do.	385.00	
Mitchell, Frank H.	do.	420.00	
Moore, C. B.	do.	285.00	
Moore, William E.	do.	326.00	
Myers, Ivan R.	do.	301.00	
New, John.	do.	434.00	
O'Neil, Guy.	do.	435.00	
Opalka, John.	do.	345.00	
Owings, William A.	do.	360.00	
Park, Earl L.	do.	435.00	
Pearson, Montie.	do.	163.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Perkins, Proctor K.	Forest guard, at \$720 and \$900	\$200.00	
Peterson, P. C.	do.	251.00	
Plowman, John R.	do.	435.00	
Price, Archie	do.	255.50	
Ray, Carl W.	do.	252.50	
Roach, Sterling P.	do.	185.00	
Ross, Elmer C.	do.	293.00	
Ruth, A. S.	do.	276.00	
Ryan, William J.	do.	410.00	
Schieffer, William	do.	200.00	
Sellers, O. S.	do.	266.50	
Shanafelt, William H.	do.	210.00	
Sherman, J. H.	do.	435.00	
Sim, Fred R.	do.	308.50	
Smith, George L.	do.	435.00	
Smith, Solomon	do.	218.00	
Snapp, D. D.	do.	197.50	
Snyder, Artman	do.	321.00	
South, Dock F.	do.	239.00	
Spaulding, L. F.	do.	247.50	
Spence, Gilbert J.	do.	277.50	
Strodtbeck, C. A.	do.	348.00	
Swanson, Frank O.	do.	276.50	
Swank, James F.	do.	428.00	
Sweeters, Carl J.	do.	285.00	
Talmage, G. M.	do.	186.00	
Taylor, Pearl A.	do.	435.00	
Thomas, Roy E.	do.	252.50	
Thompson, Chas. D.	do.	285.00	
Thorne, Arthur, jr.	do.	337.00	
Tobias, Ross S.	do.	435.00	
Tripp, Louis J.	do.	285.00	
Webber, H. B.	do.	242.50	
Weir, Fred	do.	435.00	
West, Charles	do.	255.50	
Wheatley, John C.	do.	420.00	
White, Cornealious E.	do.	425.00	
Woolley, Herbert E.	do.	145.50	
Wright, William A.	do.	218.00	
Zwemer, John A.	do.	176.00	
Le Grand, Nelson L.	Forest guard and forest agent at \$ 20	230.00	\$24.90
Parker, Rutledge	Forest guard, at \$720 and \$1.50 per diem	318.00	
Bush, Abraham, L.	Forest guard, at \$720	120.00	
D'Ewart, Robert A.	do.	360.00	
Donahue, William A.	do.	60.00	
Ellsworth, Elmer E.	do.	224.00	
Engle, Edward R.	do.	100.00	
Engle, Isaac	do.	138.00	
Flynn, James P.	do.	38.00	
Foster, Stephen T.	do.	240.00	
Fraser, John S.	do.	360.00	
Freeman, Earnest A.	do.	300.00	
Abbott, Carl L.	do.	344.00	
Anderson, H. Vernon	do.	360.00	
Bindhanner, F. L.	do.	160.00	
Blythe, J. J.	do.	142.00	
Boulter, Joseph M.	do.	170.00	
Brown, Lawrence J.	do.	360.00	
Buil, Ira W.	do.	90.00	
Bush, Frank H.	do.	20.00	
Callahan, Timothy J.	do.	180.00	
Casper, Wm. W.	do.	184.00	
Chisholm, C. C.	do.	10.00	
Collins, Stanley	do.	296.00	
Comstock, A. E.	do.	146.00	
Cook, Bird I.	do.	114.00	
Cormack, R. C.	do.	64.00	
Cormony, Henry	do.	214.00	
Cornell, A. C.	do.	84.00	
Gardner, Geo.	do.	142.00	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Graham, Fred W.	Forest guard, at \$720.	\$360.00	
Griffith, Howard	do.	180.00	
Hale, Benjamin F.	do.	290.00	
Hawkins, Lewis	do.	48.00	
Hite, James S.	do.	120.00	
Hollister, W. H.	do.	60.00	
Holmes, Everett T.	do.	360.00	
Hotchkiss, Henry H.	do.	300.00	
Keefe, J. H.	do.	60.00	
Kenegard, Denver Y.	do.	284.00	
Leopold, Andrew	do.	145.00	
Lindt, John J.	do.	118.00	
McGhie, Bert.	do.	272.00	
Mercer, Charles	do.	140.00	
Meservey, Randolph T.	do.	180.00	
Morris, Wm. T., jr.	do.	116.00	
Munson, Chas. E.	do.	146.00	
Noddin, Ralph	do.	128.00	
Payne, Clinton B.	do.	240.00	
Pingree, John W.	do.	308.00	
Rodgers, R. J.	do.	212.00	
Rogers, Arthur	do.	360.00	
Rogers, W. W.	do.	360.00	
Roy, John Emery	do.	48.00	
Rule, Thomas	do.	60.00	
Saint, B. F.	do.	146.00	
Sargent, James H.	do.	80.00	
Scott, R. D.	do.	60.00	
Shaw, Fred L.	do.	26.00	
Stead, W. R.	do.	42.00	
Stockton, James W.	do.	118.00	
Singleton, William A.	do.	120.00	
Skougard, Zell M.	do.	100.00	
Smith, Ralph A.	do.	108.00	
Taylor, Eugene	do.	24.00	
Thompson, Lou's E.	do.	130.00	
Thompson, John H.	do.	7.50	
Vincent, John	do.	168.00	
Webb, Jason G.	do.	30.50	
West, F. P.	do.	180.00	
Wilson, E. J.	do.	104.00	
Bird, David	Forest guard, at \$35 per month.	140.00	
Tyler, A.	Forest guard, at \$120.	60.00	
Griffith, E. M.	Collaborating disbursing assistant, at \$500, and inspector, at \$1,000.	583.33	\$329.04
Dean, Arthur L.	Collaborator, at \$300.	300.00	22.32
Dickson, William S.	do.	250.00	
Dudley, W. R.	do.	75.00	
Fox, William F.	do.	300.00	
Graves, Henry S.	do.	155.00	299.49
Hosmer, Ralph S.	do.	300.00	
Jepson, Willis L.	do.	300.00	199.37
Deems, J. F.	Collaborator, at \$5 per diem.	34.00	
Dudley, Chas. B.	do.	81.00	
Hexamer, Chas. A.	do.	27.50	
Hunt, Robert W.	do.	89.00	
Irvine, William	do.	70.00	
Baker, Hugh P.	Collaborator, at \$12.	12.00	
Herty, C. H.	Collaborator, at \$12 per annum.	2.00	81.63
Flaner, John	Carpenter, at \$900.	225.00	
Yarbrough, J. D.	Packer, at \$900.	225.00	
Goshen, George W.	Skilled laborer, at \$900.	225.00	
McClure, S. A.	do.	225.00	
Wheeler, John A.	Unskilled laborer, at \$660.	165.00	
Norris, Irving	Unskilled laborer, at \$600.	150.00	
Santucci, Joseph	Messenger, at \$840, and skilled laborer, at \$900.	221.83	
Dorsey, Edgar J.	Messenger, packer, at \$660.	165.00	20.25
Hickey, J. A.	Messenger, at \$600.	150.00	
Total		725,344.43	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Amberg File and Index Co.....	\$219. 10	Amberg File and Index Co.....	\$120. 23
American Lead Pencil Co.....	108. 49	American Express Co.....	10. 80
Andrews Paper Co., R. P.....	12,715. 33	American Hardware Co.....	5. 45
Audit System, The.....	33. 50	American Lumberman.....	246. 00
Ballantyne, R. Carter.....	3,609. 90	American Publishing Co.....	2. 60
Bliss, Albrecht & Co (Incorporated)...	132. 50	American Steel and Wire Co.....	1,473. 44
Browning, W. W.....	117. 25	Anderson & Co.....	8. 86
Bushnell Co., Alvah.....	1,558. 55	Anderson, A. Fred.....	45. 35
Capital Paper Box Co.....	277. 75	Anderson, Louis.....	39. 00
Clarke Co., R. P.....	44. 10	Anderson, Martin.....	17. 87
Collins Manufacturing Co., A. M.....	30. 30	Andrade, Ricardo.....	29. 25
Dean, Geo. S.....	53. 00	Andrews Paper Co., R. P.....	974. 38
Gardiner Co., F. W.....	335. 00	Anglin & Co.....	54. 05
Hestmark, A. T.....	108. 50	Anso Co.....	113. 80
Johnston & Co., Wm. G.....	57. 00	Anthony & Scoville Co., The.....	35. 00
Keuffel & Esser Co.....	25. 00	Antonio Ledger, The.....	7. 13
Killian Co., Geo. P.....	148. 00	Antonito Ledger.....	7. 12
Lamb & Tilden.....	220. 57	Appell Co., The Adam.....	858. 89
Library Bureau.....	1,374. 37	Applington, James.....	32. 00
Lincoln, Fred S.....	4,685. 23	Applington, James A.....	85. 00
Lindemeyr, Philip.....	88. 10	Arizona Publishing Co.....	3. 95
Minnix Co. (Incorporated), N. M.....	4. 00	Armera, Frank.....	5. 00
Monarch Typewriter Co.....	16. 50	Armour & Co.....	10. 40
Moore Co., The.....	1. 50	Artesia Advocate.....	6. 40
Morrison Paper Co., E.....	2. 60	Art Metal Construction Co.....	164. 50
Muth & Co., Geo. F.....	847. 76	Ashland Tidings.....	15. 40
National Supply Co., The.....	237. 25	Austin Commercial Co.....	9. 70
Newman, F. S.....	6. 00	Antelope Herald.....	3. 50
Oliver Typewriter Co.....	7. 82	Automatic Pencil Sharpener Co. (In- corporated).....	2. 00
Parker, D. Frank.....	3,237. 81	Babbitt Bros.....	346. 95
Pen Carbon Manifold Co.....	20. 00	Babbitt Bros. Co.....	108. 82
Pitcher, E. H.....	127. 00	Bagby, Mrs. I.....	25. 92
Remington Typewriter Co.....	1,694. 06	Bailey, Banks & Biddle Co., The.....	432. 50
Roberts Co. (Incorporated), W. F.....	2. 50	Baker & Co. (Incorporated).....	5. 72
Schmidt, Fred A.....	38. 00	Baker City Herald.....	12. 15
Scoville Press, A. L.....	195. 80	Baker, Reid S.....	54. 95
Sharp & Sons, L.....	338. 15	Ballantyne, R. Carter.....	670. 90
Smith Premier Typewriter Co.....	18. 30	Baltimore, Jeremiah A.....	8. 35
Stockett Fiske Co.....	145. 95	Baltimore American.....	47. 60
Stott & Co., Chas. G.....	374. 61	Bannock Hotel.....	42. 75
Swayze, W. L.....	9,198. 27	Barber & Ross.....	536. 05
Typewriter and Office Supply Co.....	144. 20	Barnett, I. W.....	134. 75
Underwood Typewriter Co.....	97. 50	Barrett Hicks Co.....	94. 44
Union Envelope Co.....	1,138. 82	Barrett, Thomas F.....	75. 00
United States Envelope Co.....	8,002. 67	Barrett Manufacturing Co.....	659. 92
United States Paper Goods Co.....	12. 25	Barteldes Seed Co.....	1,011. 20
Utah State Industrial School.....	162. 00	Bartlett, Arthur W.....	75. 00
Wasatch Printing Co.....	25. 00	Bartrum, S. C.....	18. 00
Woodward & Lothrop (Incorporated)...	950. 25	Baskier, J. H.....	20. 00
Woody, J. O.....	130. 70	Bassett & Co., John E.....	10. 10
Yawman & Erbe Manufacturing Co.....	5,343. 82	Bates & Belden.....	12. 70
Total.....	58,462. 63	Batters, George.....	8. 00
<i>Miscellaneous supplies, etc.</i>		Bausch & Lomb Optical Co.....	223. 47
Abercrombee & Fitch Co.....	2,970. 00	Beall & Sharp Co., Fries.....	5. 50
A. C. M. Institute.....	8. 50	Beatty, Jas. A.....	18. 26
Adams-Bagnall Electric Co., The.....	4. 50	Beavers Bros.....	6. 70
Advertiser, The.....	2. 70	Beck Paper Co. (Limited), Chas.....	80. 00
Age-Herald Publishing Co.....	21. 00	Becker, C.....	6. 00
Archer, George E.....	75. 00	Becker Blackwell Co., The.....	24. 43
Ainsworth & Sons, Wm.....	5. 00	Becker & Co., Chas.....	2. 38
Alamogordo Livery and Transfer Stables.....	28. 00	Bee Publishing Co.....	20. 70
Alamogordo Printing Co.....	10. 40	Beckers Leather Goods Co.....	5. 60
Albinson, Jas. E.....	160. 16	Beggs, A. L.....	5. 00
Alexander, Leslie.....	83. 34	Bell, Golden W.....	32. 47
Allen, H. E.....	18. 14	Bell Fourche Bee.....	13. 25
Allen, Jas. A.....	59. 97	Belpap Lumber Co., Hyruun.....	41. 95
Allen's Press Clipping Bureau.....	. 40	Belt Valley Times.....	8. 91
Allen, Samuel Budd.....	28. 00	Belt Valley Times Co.....	36. 18
Alley, Frank E.....	10. 00	Bend Bulletin.....	3. 25
Allison, D. T.....	16. 25	Benedict, Milton.....	90. 00
Aloe Co., A. S.....	20. 00	Benham, H. L.....	3. 50
Alturas Plaindealer.....	9. 00	Bennett, Edward E.....	110. 10
Amador Ledger.....	3. 25	Benning, William.....	75. 00
		Benson Press, The.....	3. 80
		Berea College.....	48. 35
		Bergh, Henry A.....	19. 00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bernard Estate, N. W.	\$62.55	Canyon City Record	\$2.53
Besly, Chas. H.	21.60	Capital Traction Co., The	240.00
Bess, George	22.25	Capitan News	49.65
Big Blackfoot Manufacturing Co.	15.00	Carbon County Republican	11.40
Bigelow, C. O.	16.50	Carbondale Item, The	14.45
Big Hole Breezes	11.60	Carleton, E. F.	5.00
Big Horn County News	3.22	Carpenter, H. S.	53.00
Biglow, B. S.	28.50	Carr & Elsethagen	452.14
Biglow, H. B.	35.42	Carrier Lumber Manufacturing Co.	72.50
Biglow, Mrs. M. E.	12.00	Caverly, Robert B. (Incorporated)	13.50
Billings, H. E.	78.00	Cassia County Times	2.29
Birmingham Boiler Works	83.00	Celaya, Tereza	15.80
Birdno, Chas. W.	12.75	Central Electric Co.	120.00
Bishop, Arthur F.	105.00	Central Laboratory Supply Co.	.90
Bishop, Walter C.	7.85	Central Meat Market	15.00
Blackfoot Commercial Co.	1,066.93	Central West Publishing Co.	3.64
Black Hills Weekly Journal	11.26	Century Camera Co.	10.00
Blade Publishing Co.	5.33	Century Camera Div. E. K. Co.	223.55
Blake, F. G.	59.50	Chacon, F. A.	15.75
Bletcher, W. G.	5.85	Chamberlain, Ed. K.	5.00
Bliss, Albrecht & Co. (Incorporated)	632.25	Chapman, C. L.	9.96
Blue Lake Advocate	2.50	Chelan Leader	10.15
Blue Line Transfer Co.	205.60	Chesapeake and Potomac Telephone Co.	35.00
Blue Mountain American	1.80	Chesau News	2.61
Blue Mountain Eagle	4.90	Chicago Herald Co.	418.50
Blunt, Samuel	3.30	Chicago Record-Herald	20.40
Boatman, G. T.	43.75	Choteau Acountha, The	10.61
Bond, McCarthy Co.	16.20	Chronicle News Publishing Co., The	3.22
Boyce, Nels	50.00	Chronicle Publishing Co.	6.90
Brewer, C. R.	29.50	Chronicle Union	5.00
Brewster Herald	2.20	Church & Stephenson	1,773.63
Bristol Co., The	8.00	Citizen Publishing Co.	12.10
Britt, Ed.	50.00	Clark, Frank N.	83.34
Brizard (Incorporated), A.	29.19	Clark, R. P. Co.	391.61
Bromwell & Sons, J. E.	3.00	Cleveland Rule Co.	194.00
Brookner Co., W. W.	51.05	Cline, John	83.34
Brooks Tent and Awning Co., The	32.22	Closson, Charles	28.50
Browning & Middleton (Incorporated)	22.67	Coburn Co., Whittier	70.44
Browning, Percy	25.00	Cochise County Press	2.70
Brown, J. B.	33.00	Cochise County Press Printing and Publishing Co.	6.37
Brown, Mortimer Joy	24.00	Coconino Sun	12.85
Brownsville Times	3.25	Coeur d'Alene Hardware Co.	5.50
Brown, William	44.50	Coffin, G. H.	154.32
Brown, William F.	4.00	Coffin, F. R.	60.00
Brunning, F. H.	86.16	Coffman, Chauncey	47.50
Budington, O. A.	7.00	Cohoon, Anson E.	42.74
Budlong & Bisselle	16.50	Colclessor Bros.	4,288.11
Buffalo Bulletin	21.81	Cole, E. V.	18.00
Buffalo Voice	9.75	Cole, William S.	27.30
Buhne Co., H. H.	12.50	Coleman, Geo. S.	64.95
Bulletin Publishing Co. (Limited)	6.00	Colfax Sentinel Publishing Co.	3.44
Bullenger, E. W.	3.80	Collons Manufacturing Co., A. M.	38.90
Burch & Co., F. J.	1,140.00	Colorado Springs Gazette Co.	2.76
Burden, F. C.	6.50	Columbia Covering Co.	5.82
Burke & James	34.85	Columbia Phonograph Co.	68.35
Burnet, E. A.	130.76	Columbia Photo Supply Co.	2,615.26
Burns Biggs Lumber Co.	11.50	Colusa Sun Publishing Co.	3.90
Burroughs Adding Machine Co.	477.27	Conger, M. E.	11.00
Burroughs, W. F.	183.75	Conger Bros. & Co.	11.95
Burton & Son, R. C. M.	337.60	Conley, Mrs. Sena	13.75
Butler, J. B.	58.75	Conlon Mercantile Co.	127.24
Bushnell Co., Alvah	150.35	Connor Co.	34.78
Butte Evening News	83.32	Consolidated Press Clipping Co., The	38.50
Byars, S. T.	17.50	Consolidated Wagon and Machine Co.	85.50
Byrne & Co., John	39.00	Constitution Publishing Co.	5.25
Cache Valley News, The	41.00	Contingent expenses, Department of Agriculture	129.78
Cain, A. P.	5.20	Cooley Gabriel Hardware Co.	13.00
Cahoon, Leon L.	454.27	Cooper & Co., Chas.	22.00
Caisse, Antoine M.	2.78	Cooper & Collier	196.37
Calaveras Prospect	3.00	Cope Commercial Co., Graham	16.50
Calhoun, H. O.	57.40	Copeland Co., M. G.	13,896.00
Calkins, Hugh G.	60.00	Corbett, George E.	242.10
Calles, J. S.	45.00	Corbett, T. W.	63.81
Callow, F. B.	51.15	Cornwall, G. M.	32.00
Camas Prairie Courier	17.57		
Cameron, David E.	16.00		
Campbell, J. H.	18.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Corral Livery Stable, O. K.	\$21.00	Eccles Lumber Co.	\$89.00
Corral, O. K.	52.00	Echo Publishing Co.	3.50
Coughlin, Geo. T.	34.00	Edinger, Emile	7.50
Council Tool Co.	8.00	Edison Electric Co., The	325.65
Courier Free Press News Co.	6.50	Edmonston, Charles R.	3.00
Courier Printing Co.	5.70	Edmonston, R. L.	8.34
Courier Printing and Publishing Co.	24.00	Eimer & Amend	81.95
Cowan, W. O.	70.00	Eldorado Republican	3.50
Cowgill, H. B.	25.00	Eldred, Sidney A.	22.50
Cramer, Howard H.	4.00	Electric Appliance Co.	1,819.50
Cramer, O. A.	32.13	Electric Supply and Fixture Co.	36.75
Cram, George F.	12.50	Elk City Mining News	3.90
Creed Candle, The	28.25	Elk Mountain Pilot	26.40
Crescent Jewelry Co.	7.50	Elliott & Co., James	86.50
Crook County Journal	9.72	Elliott Fisher Co.	165.90
Crook County Monitor	3.64	Elliott, John G.	232.77
Crosby Steam Gauge and Valve Co.	11.80	Emerson, T. W.	31.50
Croselmir & Acker Co.	122.36	Emery County Progress	30.24
Culley, Sim J.	49.25	Emmett Index, The	13.20
Custer Chronicle	9.62	Emmons, Charles L.	13.50
Daily Herald Co., The	22.14	Endecott, J. A.	100.00
Daily Missoulian	1.75	England, Gust.	46.75
Daly & Hopper	49.50	Enquirer Co.	20.10
Darley Pioneer Times	5.25	Enterprise Co.	3.80
Darley, W. M.	6.60	Enterprise Mercantile and Milling Co.	48.90
Darling, William R.	75.00	Enterprise Printing Co.	1.20
Daugherty, G. H.	73.75	Enterprise Publishing Co.	32.98
Davidson, Clarence H.	25.00	Ephraim Enterprise	23.40
Davidson, William Q.	57.50	Erb, B. H.	5.94
Davis, D. D.	67.50	Erb, F. C.	21.25
Davis, D. L.	127.50	Erb, H. C.	51.25
Davis, Sam.	65.00	Erbe, H. B.	10.00
Davis & Wilson	22.80	Ergood & Co., J. C.	37.08
Dean's Rag Book Co., (Limited)	65.23	Espey, John B.	15.00
Decker, I. W.	75.00	Estancia News	3.08
De Forest & Hotchkiss, The	10.58	Estes, Ben.	33.00
De Herrera, Emiliano	42.00	European Fixture Co.	10.00
De Lano, George W.	75.00	Evans, W. L.	20.00
Delta County Tribune	1.21	Everett, Publisher, S. L.	13.50
Delta Independent, The	21.20	Evergreen Nursery Co.	54.72
Deming Headlight	7.20	Examiner Publishing Co.	5.83
Democrat Printing Co.	5.85	Eyelet Tool Co.	4.16
De Nephew, T.	1.50	Fairbanks Co., The	191.00
Denkers & Son, G. B.	90.25	Fairhaven Publishing Co.	28.64
Denny & Wife, J. A.	22.55	Falk Mercantile Co. (Limited)	37.58
Denver Sheet Metal Works Co.	200.00	Farnsworth, R. J.	20.00
Deseret Evening News	6.80	Ferguson, C. F.	110.00
Deseret News	33.60	Fergus County Argus	3.50
Deseret News Publishing Co.	23.88	Ferran, Isidore	14.61
De Taos, La Revista	4.48	Feudner, William	95.00
Dickson, A. J.	5.50	Field and Farm, The	5.00
Dietzgen Co., Eugene	820.25	Field Medical Supply Co.	262.50
Dinsmore, Augustus	45.00	Fisher, J. J.	40.00
Dispatch-Democrat	3.90	Fisher Lumber Co.	6.72
Dispatch Printing Co.	2.53	Fitch Dustdown Co.	4.00
Dispatch Printing and Publishing Co.	10.80	Fletcher, F. F.	109.30
District of Columbia Paper Manu- facturing Co.	5.00	Florissant Eagle	3.30
Dixon, Fish & Co.	7.50	Fonda & Co., I. I.	77.29
Dolores Star	11.20	Force & Rogers	17.00
Dominion Hotel	65.25	Ford, R. S.	30.00
Donaldson, William	17.87	Forestry Quarterly	208.50
Doney, Jabez	5.10	Forker & Co., C. A.	210.00
Dorman Co., J. F. W.	1,250.00	Forristell & Heilmann	65.42
Duckwall, C. C.	22.50	Foster, O. L.	22.00
Dudley, Erie P.	9.13	Fowler, Mrs. Chas. L.	7.50
Du Perou, M.	1,068.62	Fox, George J.	10.00
Duquesne Trading Co.	11.65	Fox, W. T.	20.62
Durney Lumber Co.	10.80	Franklin Manufacturing Co.	1.75
Dwyer, Carroll R.	82.00	Frazer Potomac Laundry Co.	129.37
Dyer, William H.	46.09	Fresno County Publishing Co.	2.34
Eagle County Blade	50.32	Fresno Republican Publishing Co.	35.47
Eagle Valley Enterprise	2.23	Friez, Julien P.	50.00
Eagle Valley News	11.10	Fritch & Son, Geo. F.	33.75
Eastman Kodak Co.	1,401.80	Fritsch, Edwin W.	223.86
East Oregonian Publishing Co.	7.80	Fulton, James B.	10.00
Eastwood Wire Manufacturing Co.	66.58	Gaertner & Co., Wm.	10.00
		Gallegos, Tibo	65.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Gallihier & Bros., W. T. (Incorporated)	\$157.00	Herald Publishing Co.	\$16.72
Galloway, John E.	644.00	Herbst, Edw. H.	81.55
Garcia, Mateo.	24.75	Herrera Benigno.	42.00
Garcia, Rudolph.	17.25	Herron, F. G.	105.00
Gardiner Co., F. W.	518.25	Herron, Mrs. M. E.	11.00
Gardner, John A.	167.50	Hessler Mercantile Co., P. S.	28.08
Garfield Exchange, The.	11.60	Hicks & Son, Isaac.	15.75
Garrison, Isaac.	69.00	Higgins, Henry E.	110.00
Gearhart, A. W.	120.35	Hill, C. S.	63.50
Gechner, Fred S.	48.00	Hill, D.	51.00
Georgetown Courier.	2.53	Hirschberg & Co., Joseph.	26.55
Germain Seed and Plant Co.	25.30	Hiscox, Shepard.	4.50
Gilbert, Herbert J.	212.50	Hobart, L. E.	94.25
Gilchrist & Dawson.	8.50	Holbrook Argus.	1.50
Gill, R. G.	11.00	Holbrook, Franklin.	5.00
Gilman, Z. D.	235.96	Holbrook, Wellman.	5.00
Glenwood Post.	135.32	Holcomb Manufacturing Co., J. I.	104.33
Globe Wholesale Meat Co.	7.55	Hollenback, Nettie.	28.50
Groatley, G. A.	128.25	Holloway, F. H.	27.00
Godfrey, W. T.	13.75	Holt, Mrs. W. A.	58.75
Goetz American Optical Co., C. P.	4.50	Home Ice Co.	157.46
Goldsmith, I. S.	3.00	Horabin McGaffey Co. (Incorporated), The.	14.32
Gonsalez, Celustriano.	42.00	Horn, J. H.	82.80
Goodman, William.	137.12	Hornsby, W. F.	5.75
Gowanlock, John A.	.85	Houghton, Mifflin & Co.	576.00
Graden Mercantile Co., The.	27.58	House & Hermann.	7.20
Graham, Frank A.	27.00	Houston, John.	21.90
Grand Valley News Co.	4.90	Hover & Co., W. A.	447.39
Grand Valley Times.	13.50	Howard, H. J. M.	1.80
Grant County News.	9.10	Hull, Henry.	28.50
Grant County Tribune.	1.95	Hulse, Edgar J.	19.00
Gray, Clarence.	7.00	Hunt, Richard.	19.00
Gray & Co., Geo. R. (Limited).	67.91	Hunter, C. T.	26.00
Great Falls Lumber Co.	168.37	Hunter, Casteel & Hunter.	36.80
Great Falls Weekly Tribune.	9.00	Hunter Lumber Co.	13.70
Greenewald Furniture Co., The.	16.00	Hunter, W. J.	6.00
Green, Henry J.	67.50	Hurley, J. E.	134.12
Gregory, W. A.	15.00	Hussander Coal and Feed Co.	219.75
Greiner Co., The Emil.	23.00	Hutchinson, Wm. Secly.	13.50
Grey, Charles A.	42.75	Isaacs, Leman.	45.00
Groom, Richard.	180.00	Idaho Enterprise.	59.76
Grubb, J. Frank.	8.00	Idaho Falls Times.	3.90
Guam Lumber and Trading Co.	57.05	Idaho Mountaineer.	14.40
Guardian Publishing Co.	2.60	Idaho Press Publishing Co.	16.73
Guernsey, Geo. D.	4.58	Idaho Semi-Weekly World.	16.65
Gunnison News Champion.	7.13	Improved Mailing Case Co.	24.00
Gunnison Republican.	11.70	Independent, The.	9.00
Gurley, W. & L. E.	1,471.63	Independent Publishing Co.	18.78
Haefner, H.	14.60	Independent, The, Santa Barbara, Cal.	6.50
Haley, C. W.	11.40	Inland Empire.	3.50
Hall, J. P.	37.80	Inter-Lake.	7.20
Hamelton Herald.	4.32	Inter-Mountain Globe.	3.08
Hancock, Earnest L.	16.00	Inter-Mountain Republican.	4.35
Hand, P. J.	9.00	Inyo Register.	21.85
Hanson, Chas.	4.00	Ireland, Asher.	55.00
Hansen, George.	142.10	Iron County Record.	3.12
Hard, E. C.	49.37	Jackson, Frank.	46.00
Harney County News.	4.20	Jackson, John A.	16.25
Harney Peak Mining News.	17.00	Jackson, George P.	85.35
Harper, Clarence S.	88.13	James, J. A.	16.33
Harper & Reynolds Co.	73.65	Jenkins, Charles S.	56.00
Harris, Harvey W.	12.00	Johnson & Co., Chas. Encu.	15.00
Harrison, C. S.	2.00	Johnson, Evelyn.	24.00
Hartig, Louis.	.47	Johnston Studios, The R. W.	2.50
Hartley, A. E.	16.00	Jones, Mrs. A. V.	11.25
Haston, W. S.	22.00	Jones, Pen.	10.00
Hatcher, Richard.	58.75	Jones, H. S.	68.00
Haught, J. H.	29.25	Jones, Miss K. D.	64.80
Hawkins, Ira.	22.50	Jorss, A. F.	104.75
Hays, S. R.	11.50	Journal Publishing Co., The.	68.27
Heaton, F. M.	134.50	Joyce Engraving Co., The Maurice.	8.04
Hedrick, Howard.	339.00	Judson Manufacturing Co.	24.00
Heiskell & Co., P. H., jr.	526.02	Kaiser, Louis E.	25.00
Helena Saddlery and Tent Co.	18.50	Kaseman, G. A.	25.00
Helmet News, The.	3.00	Katzenstein & Co., Otto.	2.80
Herald Printing Co.	20.87	Kays, W. O.	42.50
Herald Printing and Publishing Co.	8.27		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kearney, George S.	\$50.00	Lockhead & Co., Chas.	\$37.00
Keasby & Mattison Co.	4.59	Logan, H.	25.00
Keeler, Alva L.	75.00	Logan Republican	22.50
Kelley, Mrs. J. E.	1.50	Lohi Publishing Co.	11.10
Kelly Manufacturing Co.	50.00	Longacre, D. S.	165.36
Kelsey, D. R.	30.00	Long Valley Advocate	2.80
Kelsoe, C. C.	15.05	Look, Ben I.	8.55
Kemmerer Camera	9.80	Loveland Register	11.73
Kemmerer Publishing Co.	19.88	Loveland Reporter	20.47
Kendall, J. B.	1.56	Lovell Chronicle	9.60
Kennedy, Mary Agnes	12.00	Lowdermilk & Co., W. H.	117.11
Keuffel & Esser Co.	1,151.21	Lowe Co., Geo. A.	48.56
Keystone Blue Paper Co.	14.55	Lucas, E. R.	74.42
Keystone Recorder	2.70	Luce's Press Clipping Bureau	68.94
Killea, M. F.	45.37	Lufkin Rule Co., The	49.60
Killea, W. M.	33.00	Lugar, Vinnette E.	324.00
Killian & Co., Geo. P.	60.00	Lujan, A. D.	27.75
Kineaid, E. A.	58.00	Lutz & Co.	1,171.75
Kinevan, Patrick	11.06	Luthin, R. H.	30.00
King, W. L.	7.50	Lyman, T. K.	10.60
Kinney, James H.	116.67	Lyman & Son, T. K.	6.70
Kitt, B. F.	105.00	Lyons, Thomas	88.25
Kluegel, H. A.	22.50	McCammon Banner	3.50
Kneesi's, Sons, K.	95.25	McCarthy, James J.	112.50
Kneipp, Leon F.	36.00	McCarthy, Dan.	55.50
Knox Express Co., The Geo. W.	162.10	McClatchy & Co., James	3.37
Koch, Harry G.	264.78	McCloud River Lumber Co.	96.50
Koernicke, Annie I.	11.50	McClure, Ben	12.00
Kooskia Mercantile Co.	5.50	McCormick Co., M.	127.00
Kootenai Trading Co. (Limited)	31.05	McCoy & Co., W. H.	58.25
Krahe, Damlan	11.60	McCubbin Co., C. J.	1.50
Krebs, Frank	90.00	McDonald, George	15.00
Krupp, Frank A.	11.00	McDonald, John	73.00
Lake City P. and P. Co.	2.34	McEwen, George F.	17.80
Lake City Phonograph	4.20	McEwan, Sherwood S.	75.00
Lake County Examiner	13.50	McHenry, H. A.	17.50
Lamb & Tilden	2,193.89	McInroy, Joseph	250.00
Lambie Co. (Incorporated), James B.	234.07	McIntosh Stereopticon Co.	35.20
Lansburgh & Bro.	5,198.03	McKee & Co., A. J.	9.55
Lansburgh Furniture and Carpet Co., Julius	22.02	McKinnon, M. A.	293.32
Lanz & Co., Geo.	48.00	McLaren, C. D.	38.33
Lapp Co. (Limited), C. C.	246.85	McLaren, George	5.00
Laramie Republican Co.	25.48	McLaren, Gilbert	55.00
Lassen Advocate	13.00	McLeod, N.	17.60
Launer, Tilman L.	75.00	McMillan, Ross	50.00
Lavender, D. F.	40.00	McNab & Smith	.50
Law Reporter Printing Co.	7.50	Macbeth Evans Glass Co.	4.07
Lawyer's Cooperative Publishing Co., The	328.00	Mackall Bros.	450.67
Leader Co., The	20.70	Mackay and Central Idaho Stage Co.	28.50
Leader Publishing Co.	4.50	Mackay Miner	12.00
Leadville Publishing and Printing Co.	28.00	MacLeod & Townsend	10.00
Lee, S. Jackson	1.50	Madera Daily Tribune	51.00
Leese, James P.	68.00	Madera Mercury	1.50
Leece & Waterson	10.25	Madera Weekly Tribune	1.65
Leese, M. A.	462.13	Madison County Monitor, The	4.80
Le Grand, Nelson	2.00	Madisonian, The	4.40
Lemhi Herald	22.96	Main Mercantile Co., R. W.	152.97
Letton, H. P.	16.87	Malcolm, Chester	71.50
Levy, M. G.	16.47	Malcolm, C. T., jr.	21.75
Lewiston Tribune	22.50	Mall, Luis	18.75
Library of Congress	6.50	Mancos Times-Tribune	15.35
Library Bureau	8.00	Manhattan Mail	59.00
Liesch, Harry C.	33.33	Mantle, Edward F.	170.00
Lillie, Frank C.	91.67	Mapes, C. W.	58.50
Lincoln County Leader	6.87	Marfin, Urbano	5.25
Lincoln, Fred S.	36.90	Marine Hardware Co.	11.19
Lindsey, Elmer H.	75.00	Mariposa Gazette	1.65
Littlefield, Alvord & Co.	841.35	Marshall, H. E.	10.10
Little, George D.	105.00	Marshall Wells Hardware Co.	30.40
Little, J. H.	33.00	Martinez, Alberts	31.00
Little Rockies Miner	12.60	Martinez, Deciderio	32.00
Livingston, C. A.	12.00	Martinez, Henrycos	10.50
Livingston Enterprise	46.75	Maxfield, John D.	75.00
Livingston, G. R.	5.00	Mayer & Co., Robt.	5.00
Livingston Post, The	7.80	McAllister, jr., Wm	22.00
		McAuley, Wm. A.	63.00
		McBride, Co., The	45.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Martinez Publishing Co.....	\$3. 75	Nawrath, J. P.....	\$811. 34
Mast, Wm. H.....	3. 25	Nelson, Bernard C.....	112. 50
Meagher Republican.....	6. 50	Nelson, John T.....	18. 28
Meddock, Robert.....	75. 00	Nelson & Fell.....	21. 87
Meehan & Sons (Incorporated), Thomas.....	147. 79	Nevada County Publishing Co.....	6. 50
Melvin, John.....	70. 00	Nevada Stables.....	69. 00
Merchants Transfer and Storage Co.....	25. 57	Nevada State Journal.....	22. 50
Merz, Virginia.....	62. 50	Newell, George.....	40. 00
Mesa-Roosevelt Stage Co.....	7. 00	New England Engineering Co.....	12. 50
Methow Trading Co.....	4. 15	New Era Printing and Publishing Co.....	6. 25
Methow Valley News.....	2. 40	Newman Clock Co.....	62. 60
Mid-Republic Stockman.....	1. 20	Newman, E. S.....	6. 00
Miller, Frank.....	12. 00	New Mexican Printing Co.....	31. 80
Mine and Smelter Supply Co.....	539. 74	News Publishing Co.....	13. 80
Mineralized Rubber Co.....	10. 00	News-Republican Co.....	4. 90
Minnix Co., N. M. (Incorporated).....	311. 80	Nichols, David L.....	17. 00
Missoula Mercantile Co.....	55. 80	Nicholson & Son, James A.....	8,752. 85
Missoulian Publishing Co.....	53. 05	Niedner, Frank.....	45. 00
Mitchell, C. W. C.....	30. 50	Nixon, C. S.....	6. 33
Mitchell, W. A.....	25. 62	Nogales Daily Times.....	59. 00
Mitchell Van and Storage Co.....	114. 25	Noon, Arthur H.....	75. 00
Modoc Republican.....	27. 50	Norris Peters Co.....	74. 75
Monarch Typewriter Co., The.....	5,734. 20	Nortcliff, Harry.....	3. 60
Money, C. B.....	90. 12	Northern Idaho News.....	250. 15
Monk, E. E.....	5. 00	Northern Mercantile Co. (Limited).....	22. 30
Mono Lake Ry. and L. Co.....	132. 95	North Fork Times, The.....	5. 50
Monroe, Thomas.....	111. 75	Norton, Jacob.....	7. 50
Montana Daily Record.....	20. 35	Norton, James A.....	9. 00
Montana Record Publishing Co.....	27. 85	Nyman, Howard S.....	12. 95
Montana Sunlight.....	5. 75	O'Connell, James J.....	75. 00
Monte Vista Journal.....	6. 67	O'Connell, James M.....	37. 50
Montezuma Hotel.....	23. 00	Oden, J. N.....	58. 25
Montezuma Journal.....	3. 85	Ogden Paint, Oil and Glass Co.....	23. 98
Montrose Press.....	5. 86	Ogden Transfer and Storage Co.....	43. 10
Moody, Arthur E.....	32. 00	Ojai, The.....	3. 60
Moody, Chas.....	17. 00	Okanagan Record Publishing Co.....	1. 87
Moody, J. M.....	16. 00	O. K. Livery Stable.....	31. 25
Moore, Addie V.....	64. 40	Okonite Co. (Limited), The.....	64. 92
Moore, E. L.....	35. 00	Oliver Machinery Co.....	23. 90
Moore, Frank H.....	15. 45	Oliver Typewriter Co.....	14,581. 50
Moore Co., The.....	21. 50	Olsen & Co., Tinius.....	27. 00
Morris, Thomas.....	2. 50	Optic Co., The.....	6. 50
Morris, Wm. M.....	11. 25	Oregonian Publishing Co.....	72. 80
Morrison Paper Co., E.....	5. 00	Oregon Observer.....	4. 00
Morrow, Forest.....	26. 25	Oregon Oriano.....	6. 00
Morse Bros. Machinery and Supply Co.....	41. 65	Oregon Transfer Co.....	4. 00
Morse & Co., C. C.....	39. 90	Oroville Register Publishing Co.....	11. 69
Morton, J. A.....	63. 00	Ortega, Delido.....	21. 75
Moscow Printing and Publishing Co. (Limited).....	3. 30	Ortega, Juan Y.....	18. 00
Moses & Sons, W. B.....	93. 11	Otero County Advertiser.....	3. 54
Mother Lode Magnet.....	2. 50	O'Toole, W. C.....	3. 00
Methow Valley News.....	8. 15	Ouray Herald, The.....	1. 65
Mountain Messenger.....	12. 90	Owings, Willard.....	10. 00
Mount Pleasant Pyramid.....	7. 50	Pacific Electric Rwy. Co.....	34. 94
Mueller, Frederick.....	6. 10	Pacific Hardware Co.....	16. 03
Munro, Jas. A.....	8. 00	Paddock, James F.....	96. 00
Murphy Co., E. J. (Incorporated).....	244. 47	Palace Meat Market.....	68. 85
Murphy (Incorporated), George.....	38. 00	Palmer Mountain Prospector.....	15. 81
Murray, B. P.....	18. 50	Panguitch Progress.....	9. 00
Murray, Martin A.....	75. 00	Paonia Booster.....	14. 88
Muth & Co., Geo. F.....	4,380. 73	Paradise Record.....	4. 55
Mutual District Messenger Co.....	. 30	Paris Post.....	18. 00
Myers, C. E.....	105. 25	Parker, D. Frank.....	2,514. 76
Myrtle Point Enterprise.....	2. 86	Park Record Co.....	10. 50
Nampa Leader-Herald.....	3. 50	Parlman, B. E.....	58. 05
Nash, W. S.....	6. 80	Parry, W. E.....	58. 15
National Binding Machine Co.....	39. 38	Parsons Co., Hobbs.....	49. 35
National Electrical Supply Co.....	760. 71	Patnode, Ed.....	100. 00
National First Aid Association of America.....	315. 00	Patten, Juliet C.....	177. 80
National Mortar Co.....	1. 00	Patterson, A. L. C.....	35. 00
National Phonograph Co.....	1,010. 26	Paul, Leonard.....	42. 68
National Phonograph Co., Comm. Dept.....	3. 40	Payette, Geo. N.....	2. 00
National Supply Co.....	219. 00	Payette Independent.....	5. 75
		Payson Globe-Healer.....	3. 50
		Peach, Henry.....	15. 00
		Peck, A. L.....	34. 50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Peerless Electric Co., The.....	\$178.50	Republican Courier Co., The.....	\$54.65
Pendleton Tribune.....	3.00	Republican Picket.....	75.60
Pepper, Chas.....	75.00	Republican Publishing Co.....	201.78
Penn File and Supply Co.....	23.10	Reser, R. N.....	50.00
Pfaender, Wm., Jr.....	49.50	Reule, Fred.....	39.96
Philipsburg Mail.....	18.50	Reveille Publishing Co.....	23.89
Picket Publishing Co.....	32.25	Review Publishing Co.....	19.50
Pike Adding Machine Co.....	360.00	Rex Manufacturing Co. (Limited).....	1.00
Pilling, John W.....	10.00	Reynolds, I. A.....	10.00
Pinedale Roundup, The.....	23.43	Reynolds, J. H.....	49.50
Pioneer Nursery.....	10.25	Rice, Edward.....	18.00
Pioneer Printing and Publishing Co.....	26.41	Rice, E. W.....	134.00
Pioneer Tent and Awning Co.....	63.20	Rice, Edward W.....	26.67
Pioneer Times.....	13.88	Richfield Reaper.....	18.43
Perkins, J. A.....	72.00	Richle Bros. Testing Machine Co.....	41.06
Pitcher, E. H.....	40.45	Rickenbacher, D.....	83.50
Pitkin Miner, The.....	16.79	Rico News.....	3.85
Pitt, J. H.....	28.59	Rifle Reveille.....	7.20
Pitts, W. P.....	3.23	Rinehart, H. C.....	28.87
Pittsburg Gazette-Times.....	41.99	Ritchford, William.....	54.00
Plant Industry, Bureau of.....	30.00	River Press Publishing Co.....	3.00
Plaindealer, The.....	1.30	Roberts, Fred D.....	75.00
Plateau Voice, The.....	4.20	Roberts Co. (Incorporated), W. F.....	708.90
Plumas County Publishing Co.....	13.92	Robertson, Mark M.....	75.00
Plumas Independent.....	53.84	Robinson, R. O.....	302.44
Plumb (Incorporated), Fayette R.....	95.20	Rocky Mountain Bell Telephone Co.....	17.30
Pocatello Advance.....	4.58	Rogers, Mary A.....	5.00
Poland Trimming Co.....	54.25	Rogers, Raymond R.....	75.00
Pollard Co., C. L.....	23.40	Rogue River Courier.....	5.95
Polson Bros. Mercantile Co.....	23.70	Rollinson, J. K.....	22.75
Porter, Geo. C.....	10.00	Romey, Edward.....	89.35
Portersville Enterprise.....	5.20	Roosevelt Mercantile Co.....	9.30
Portland Stoneware Co.....	8.00	Roseburg Review.....	1.70
Post-Office Department.....	10.40	Roth, Filibert.....	49.75
Post Printing Co.....	11.65	Round Mountain Nugget.....	16.80
Postmaster, Washington, D. C.....	2.25	Routt County Republican.....	2.53
Post Printing Co.....	10.36	Routt County Sentinel, The.....	23.31
Power and Mining Machinery Co.....	285.00	Rowe & Son, A. C.....	270.00
Prairie City Miner.....	12.35	Rudgel & Guenzel Co.....	11.00
Press Clipping Bureau, The.....	238.88	Rudolph & West Co.....	176.01
Press Clipping Co., The.....	10.00	Russell Boiler Works (Incorporated), Daniel.....	58.70
Press Printing Co.....	6.60	Russell, J. F.....	265.50
Press Publishing Co.....	8.90	Rustler Publishing Co.....	3.50
Preston News Publishing Co.....	3.50	Ryon, P. B.....	3.45
Primer Photograph Specialty Co.....	27.00	Saguache Crescent.....	15.41
Progress Review.....	26.58	Sais, Victor.....	60.00
Pullman, E. J.....	436.25	Salida Record.....	22.77
Purdy, George.....	37.50	Salida Record Publishing Co.....	23.92
Pyle, George M., Jr.....	7.00	Salina Call, The.....	12.30
Pyramid, The.....	9.00	Salt Lake Hardware Co.....	11.85
Queen & Co. (Incorporated).....	2.00	Salt Lake Tribune Publishing Co.....	14.96
Quiroz, Arturo.....	10.00	San Bernardino Daily Sun.....	14.28
Ramsay, Geo. C.....	3.00	Sanborn, Fred F.....	70.00
Rand-McNally & Co.....	4.00	Sanchez, Jesus C.....	81.20
Range Gazette, The.....	9.36	Sanchez, Serapio L.....	35.00
Rathbun, Charles.....	56.06	Sandercook, Benjamin F.....	75.00
Rau, John C.....	141.49	San Diego Union Co.....	6.10
Rawlins Republican.....	5.16	San Francisco Call.....	12.80
Ray, Burton J.....	24.00	San Jacinto Register.....	5.00
Reaper Publishing Co.....	4.80	San Juan Prospector.....	5.75
Record Journal Publishing Co.....	2.53	San Luis Valley Graphic.....	7.76
Record Publishing Co.....	2.25	Santa Maria Graphic.....	2.60
Record-Stockman Publishing Co.....	13.00	Santa Maria Times.....	3.25
Red Bluff Publishing Co.....	7.20	Saratoga Sun, The.....	30.40
Reed, Alfred B.....	100.00	Sargent & Co., E. H.....	5.25
Reed, C. A.....	130.00	Saunders County Ledger.....	8.00
Reed, P. G.....	6.00	Saunders, John S.....	106.50
Reese River Reveille.....	7.84	Saunders Express.....	249.60
Reid, Clement C.....	75.00	Sawyer, Scott.....	37.73
Reid Hardware Co.....	21.50	Scherman, Joseph G.....	75.00
Reilly, Hugh.....	40.40	Schildt, S. H.....	35.85
Reliable Transfer Co. (Incorporated).....	.23	Schildt, W. A.....	73.00
Relyea, Eleanor Wood.....	24.00	Schmid, Edward S.....	2.00
Remington Typewriter Co.....	1,154.09	Schmidt, Fred A.....	4,860.07
Renz & Ludwig.....	4.50	Schmidt, O. H.....	40.50
Republic Light and Power Co.....	1.55	Schneider, Otto C.....	70.00
Republican, The.....	16.80		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Schneider's Sons, G.....	\$3.75	Star Valley Independent.....	\$7.00
Schonert, J. W.....	20.13	State Consolidated Publishing Co.....	2.60
Schweizer, Joseph W.....	25.00	Statesman Printing Co.....	33.00
Scientific Engraving Co.....	52.00	Steiner & Voegthly Hardware Co.....	4.40
Scofield, H. H.....	142.29	Sterling Electrical Manufacturing Co.....	1.85
Scott, James A.....	75.00	Steamboat Pilot, The.....	1.35
Scott & Van Alstena.....	75.40	Stevens Mercantile Co.....	14.90
Scoville, F. C.....	10.25	Stewart, T. R.....	19.50
Seals, Chas. D.....	23.75	Stockney, Mallory N.....	7.00
Searchlight, The.....	3.64	Stilwell, C. E.....	21.25
Searcy, E. W.....	25.00	Stine, George.....	23.75
Sease, W. F.....	580.75	St. Johns Herald-News.....	4.10
Seattle Post-Intelligencer.....	8.00	Stockbridge, Arthur J.....	14.25
Sedge, Henry.....	33.70	Stockett-Fiske Co., The.....	60.63
Selkirk, Robert J.....	18.00	Stockgrower and Farmer.....	3.22
Semi-Weekly Enterprise.....	8.76	Stockgrowers' Journal.....	7.80
Semi-Weekly Searchlight.....	3.64	Stockton, W. E.....	5.00
Seneca Camera Manufacturing Co.....	23.10	Stoetting Co., C. H.....	83.60
Sentinel Co.....	22.50	Stone, Neil B.....	12.00
Serano, Antonio.....	32.00	Storrs & Bement Co., A.....	25.00
Serano, Jesus M.....	8.25	Stott & Co., Chas. G.....	1,390.59
Sewler, J. M.....	6.00	Strader, W. T.....	18.00
Sexton, William H.....	50.00	Strater Hotel.....	97.15
S. H. Supply Co.....	255.00	Sullivan, W. G.....	2.10
Shark, E. H.....	128.00	Summit County Journal.....	34.90
Sharp, F., & Sons.....	184.25	Sun Co., The.....	36.72
Shaw-Walker Co.....	225.00	Surface Creek Champion.....	7.90
Shedd & Bro. Co., S. S.....	297.95	Sussfeld Lorset & Co.....	1,223.70
Shell-Combs & Co.....	115.44	Swain, Joseph.....	75.00
Shenon Hardware and Implement Co.....	59.60	Swayze, W. L.....	1,468.80
Sheridan Enterprise, The.....	2.00	Tabor, Frank N.....	70.00
Sherk, Everett H.....	8.00	Tacquot, Peter.....	21.00
Shields, John.....	83.34	Taylor, John B.....	116.67
Shilling, Geo.....	155.70	Taylor Bros. Co.....	1.25
Shoemaker, Theodore.....	40.50	Taylor & Carpenter.....	2.75
Shoshone Journal.....	4.40	Technical Supply Co.....	413.51
Shuee-Bahlo Hardware Co.....	24.03	Teeter, Thos. A. H.....	57.75
Sierra Daily Times.....	1.00	Teton Peak Chronicle.....	16.20
Signal Publishing Co.....	17.75	Thomas Co., Arthur H.....	29.00
Silver Belt Publishing Co.....	10.00	Thieme, Fred E.....	50.00
Silver Messenger, The.....	21.20	Thomas, Frederick F., jr.....	32.47
Silver State.....	17.00	Thomas, George.....	24.00
Silverton Weekly Miner.....	11.15	Thomas Co., Arthur H.....	96.92
Simpkins, E. G.....	4.60	Thompson Falls Mercantile Co.....	94.65
Sinms, M. M.....	100.00	Thornton, Francis M.....	91.67
Siskiyou News.....	11.85	Tillotson, C. R.....	25.00
Sisson Development Co.....	2.00	Times-Herald.....	9.00
Sisson Headlight.....	8.34	Times-Mirror Co., The.....	36.75
Skamania County Pioneer.....	7.02	Times-Observer Publishing Co.....	1.96
Sleight, J. F.....	10.00	Times Publishing Co.....	4.75
Sloane & Co., W. & J.....	58.30	Tinsley, G. W.....	28.97
Smith, A. B.....	15.00	Tobacco Plains Journal.....	3.00
Smith, Charles.....	75.00	Tombstone Prospector.....	3.51
Smith, Fred.....	30.42	Toner, Earnest L.....	75.00
Smith, James.....	60.00	Topham, James S.....	3,648.39
Smith, Thos. W.....	36.18	Torres, Sisto C.....	35.00
Smith, William D.....	24.63	Townsend Star.....	16.88
Smith & Webb.....	6.90	Tribune Association, The.....	66.00
Smith Premier Typewriter Co.....	1.50	Tribune (Incorporated), The.....	15.05
Sneed, Matilda B.....	5.40	Tribune, The.....	35.52
Snomish County Tribune.....	7.43	Tribune Co. (Limited), The.....	6.00
Socorro Chieftain, The.....	10.64	Tribune Printing and Publishing Co.....	6.25
Socorro County Publishing Co.....	13.44	Tritch Hardware Co., The George.....	125.69
Socorro County Publishing Co.....	35.32	Troy, J. P.....	6.40
Soda Springs Chieftain.....	6.60	Truax, Chas. S.....	6.96
Somerville Co., Thos.....	185.88	Tucson Citizen.....	5.60
Southern Printers Supply Co.....	66.00	Turner, S. C.....	77.50
Southern Utah Publishing and Print- ing Co.....	19.60	Turner, Day & Woolworth Handle Co.....	284.00
Southwestern Stockman.....	4.05	Twin Falls News Publishing Co. (Lim- ited), The.....	3.25
Spencer, Henry L.....	11.50	Tyler, J. W.....	1.20
Spencer, John H.....	20.00	Typewriter and Office Supply Co.....	575.80
Spokane Chronicle Publishing Co.....	12.00	Underwood Typewriting Co.....	3,776.11
Stacey, F. A.....	7.30	Union Consolidated Refining Co.....	57.36
Stalcup, Ross.....	4.50	Union Construction Co.....	47.02
Standard Publishing Co.....	18.46	Union Democrat.....	2.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Union Printing and Publishing Co.....	\$3.00	Wildpret Bros.....	\$18.75
Union Screen Plate Co.....	14.32	Will & Co., Oscar H.....	11.50
United States Envelope Co.....	847.60	Willcoxon & Co., E. B.....	2,504.55
United States Express Co.....	.20	Williams, Brown & Earl.....	1,575.90
United States Geological Survey.....	9,289.86	Williams News.....	1.65
Universal Adding Machine Co.....	1.00	Willis, Charles O.....	36.00
Universal Register Co.....	14.00	Willson, Roscoe G.....	42.50
Utah State Industrial School.....	2.15	Wilson, Bert.....	12.00
Valdez, Pedro.....	43.00	Wilson, C. R.....	10.00
Valley Tribune.....	2.60	Wilson, D. E.....	30.00
Vandawarka, O. D.....	402.50	Wilson, Elizabeth.....	26.00
Van Pool, D. F.....	34.00	Wilson, Henry G.....	75.00
Vanseckle, R. L.....	19.95	Wilson, J. W.....	10.00
Vealey, Wm. D.....	83.33	Wind River Mountaineer.....	4.16
Veihmeyer & Son, J.....	9.50	Winslow Mail.....	14.25
Vermillion, E. J.....	5.00	Winter, F. H.....	19.25
Vernal Express.....	17.55	Wirick, C. A.....	18.25
Visalia Publishing Co.....	5.60	Witkowski, L. C.....	41.15
Vito, Vincent.....	16.00	Wood River Times, The.....	32.09
Vitzthum Bros.....	9.00	Woods, Fred.....	16.25
Wagenhorst & Co., J. H.....	2.75	Woodward & Lothrop (Incorporated).....	418.15
Waldbillig, Geo.....	214.50	Wyant, Carl.....	30.00
Waldbillig, J. J.....	300.80	Washington Gaslight Co.....	10.40
Walker, Ray M.....	136.00	Wyoming Press.....	3.64
Walker Bros. Dry Goods Co.....	437.43	Wyoming State Journal and Lauder Clipper.....	2.76
Wallace, J. F.....	83.25	Xuy-Scheerer Co.....	6.85
Wallop-Moncreiffe Lumber Co.....	97.54	Yale & Towne Manufacturing Co.....	1,887.90
Wallowa Mercantile Co.....	288.02	Yale University.....	22.14
Walter, Horace.....	78.75	Yampa Leader, The.....	18.17
War Department.....	527.80	Yankton Nursery.....	25.80
Warner Co., Charles.....	3.50	Yawman & Erbe Manufacturing Co.....	671.88
Warner, George B.....	12.50	Zichtl & Co., A.....	62.15
Warner, L.....	7.70	Zimmerman Bros.....	129.66
Warren, W. B.....	7.50		
Washington Post Co., The.....	132.00	Total.....	190,704.37
Washington Safe and Lock Co.....	10.00		
Washington Storage Co. (Incorporated).....	41.40	<i>Furniture.</i>	
Waters, Roy G.....	20.50	Aloe Co., A. S.....	12.83
Watkins, I. P.....	10.00	Amberg File and Index Co.....	94.65
Watrous, Roy.....	17.95	Art Metal Construction Co.....	480.00
Watterson, George.....	11.15	Bellinger, J. M.....	3.00
Weber, R. C. E.....	164.20	Burton & Son, R. C. M.....	68.06
Webster, Marjory D.....	24.68	Fuller Desk Co., Geo. H.....	4.55
Weekly Courier Press.....	4.00	General Fireproofing Co.....	166.00
Weekly Leader.....	6.80	Gilchrist & Dawson.....	16.00
Weekly Missoulain.....	5.85	Glass & Prudhomme.....	30.00
Weekly Press, The.....	5.80	Gowanlock, John A.....	29.65
Weekly Press Publishing Co.....	3.00	Gurley, W. & L. E.....	1,223.88
Weekly Trinity Journal.....	40.80	Herrick & Co. (Incorporated), C. J.....	12.50
Welch, E. S.....	10.00	Hoeke, W. H.....	9.00
West, The.....	2.64	Lansburgh Furniture and Carpet Co., The Julius.....	2,311.69
West Coast Lumberman.....	11.70	Library Bureau.....	643.00
West Disinfecting Co. (Incorporated).....	291.25	Lincoln, Fred S.....	321.00
West Publishing Co.....	164.55	McCay, H. B.....	30.00
Western Electric Co.....	2,106.09	Minnix Co. (Incorporated), N. M.....	31.60
Western Empire.....	10.92	Moses & Sons (Incorporated), W. B.....	3,305.93
Western Glass and Paint Co.....	50.85	National Phonograph Co.....	13.20
Western Mercantile Co.....	15.44	National Supply Co.....	43.75
Western Union Telegraph Co.....	711.81	Ogden Furniture and Carpet Co.....	9.20
Western Warehouse Co.....	372.37	Oliver Typewriter Co.....	3.60
Weyls, Harry.....	184.00	Payette, George N.....	6.00
Wheeler, Eugene W.....	75.00	Reynolds, C. T.....	33.60
Wheeler, F.....	25.00	Rickenbacher, D.....	5.00
Wheeler County News.....	3.25	Sloane, W. & J.....	7.20
Wheeler Manufacturing Co., C. H.....	54.00	Smith, A. B.....	25.00
Wheelock Co., Geo. F.....	30.36	Smith, Thos. W.....	65.75
Whitall Tatum Co.....	21.57	Swayze, W. L.....	737.25
White, B. F.....	11.80	White River Lumber Co.....	22.26
White, I. E.....	88.98	Woodruff Manufacturing Co.....	258.50
White River Review.....	9.66	Woodward & Lothrop.....	5,243.70
Whitehouse, Byron M.....	58.67	Yawman & Erbe Manufacturing Co.....	15,538.25
Whyte, Warren M.....	5.00		
Wiehe, William.....	10.00	Total.....	30,805.60
Wilcox, George.....	16.00		
Wilcox, Geo. L.....	17.50		
Wildman, J. Wm.....	25.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Fuel.</i>		<i>Express.</i>	
Allegheny Co.....	\$103.20	Adams Express Co.....	\$1,834.18
Ashton, William H.....	21.00	Blackfoot Commercial Co.....	17.50
Young, R. L.....	9.00	Carr & Elsethagen.....	1.45
Total.....	139.20	Conlon Mercantile Co.....	13.65
<i>Freight.</i>		Eimer & Amend.....	4.39
Alaska Steamship Co., The.....	5.55	Globe Express Co.....	5.34
Amberg File and Index Co.....	2.32	Main Mercantile Co., R. W.....	5.00
Arizona and New Mexico Ry. Co.....	38.27	Nyman, Howard S.....	4.42
Astoria and Columbia River R. R. Co.	5.98	Pacific Express Co.....	14.77
Atchison, Topeka and Santa Fe Ry. Co.	736.62	Roosa, I. P.....	6.10
Baltimore and Ohio R. R. Co.....	119.64	Southern Express Co., The.....	11.25
Barrett Manufacturing Co.....	14.64	United States Express Co.....	1,554.75
Bellingham Bay and British Columbia		Total.....	3,472.80
R. R. Co.....	14.88	<i>Telephone.</i>	
Boston and Maine R. R.....	5.50	Postal Telegraph and Cable Co.....	1,520.86
Butte, Anaconda and Pacific Ry. Co.....	49.02	Western Union Telegraph Co.....	4,227.58
Carr & Elsethagen.....	20.33	Total.....	5,748.44
Chesapeake and Ohio Ry. Co.....	3.98	<i>Telephone.</i>	
Chicago, Burlington and Quincy R. R.	26.90	Chesapeake and Potomac Telephone	
Co.....		Co.....	1,193.15
Chicago, Burlington and Quincy R. R.	55.84	Colorado Telephone Co.....	664.85
Co. (lines west of the Missouri River)		First National Bank, Alamogordo,	
Chicago, Milwaukee and St. Paul Ry.	.96	N. Mex.....	3.00
Co.....		First National Bank.....	15.00
Chicago and Northwestern Ry. Co.....	74.58	New England Telephone and Tele-	
Chicago, Rock Island and Pacific Ry.	20.71	graph Co.....	4.00
Co.....		Pacific Telephone and Telegraph Co.....	106.07
Cleveland, Cincinnati, Chicago and St.	.67	Postal Telegraph-Cable Co.....	71.16
Louis Ry. Co.....		Rocky Mountain Bell Telephone Co.....	205.18
Colorado Midland Ry. Co.....	492.51	Western Union Telegraph Co.....	436.31
Colorado and Southern Ry. Co.....	116.17	Total.....	2,698.72
C. S. and C. C. Ry. Co.....	3.06	<i>Rent.</i>	
Colorado-Utah Construction Co.?	4.77	Adamson, D. P.....	41.20
Denver, Northwestern and Pacific Ry.	18.05	Aerie No. 68, Fraternal Order of Eagles.	10.00
Co.....		Amussen, Carl C., estate of.....	22.50
Denver and Rio Grande R. R. Co.....	2,103.30	Anderson, David.....	182.75
El Paso and Southwestern System.....	25.00	Arizona-Central Bank.....	170.25
Gila Valley, Globe and Northern Ry.	8.96	Arizona Lumber and Timber Co.....	31.00
Co.....		Armstrong, Anderville P.....	355.00
Great Falls Lumber Co.....	27.00	Atlantic Building Co., The.....	23,678.70
Great Northern Ry. Co.....	357.83	Baca, Jose J.....	45.00
Hayes, W. B. (receiver for Colorado and	7.30	Baird, O. A.....	20.00
Northwest Road).....		Baker, Mary F.....	120.00
Gurley, W. & L. E.....	6.15	Bayley, E. J.....	78.00
Kansas City Southern Ry. Co.....	8.05	Beardmore, Chas. F.....	24.00
Knox Express Co., Geo.....	8.30	Beatty, Jas. A.....	60.00
Laramie, Hahns Peak and Pacific Ry.	28.97	Beaver Equitable Co-op.....	140.00
Co.....		Beckwith, L. O.....	155.00
Main Mercantile Co., R. W.....	1.55	Bell, Geo. H.....	90.00
Missouri Pacific Ry. Co.....	22.80	Bemis, H. E.....	60.00
Mobile and Ohio R. R. Co.....	4.20	Big Bend Milling Co.....	112.00
Morse Bros. Machinery and Supply Co.	2.05	Big Blackfoot Manufacturing Co.....	5.00
Nevada Central R. R. Co.....	40.10	Borrowdale, W. N.....	225.00
Nevada County N. G. R. R.....	2.60	Bothin, H. E.....	105.00
Nevada, California and Oregon Ry.....	124.84	Bracken, Arthur.....	9.00
Northern Pacific Ry. Co.....	184.81	Brown, Wm. J.....	150.00
Northwestern Pacific R. R.....	8.56	Budington, O. A.....	21.00
Oregon R. R. and Navigation Co.....	417.82	Carkeek, M. T.....	60.00
Oregon Short Line R. R. Co.....	290.90	Carter, Theo. W.....	60.00
Pennsylvania R. R. Co.....	162.98	Central Building Association.....	270.00
Rio Grande Southern R. R. Co.....	572.57	Chamberlain, Geo. A.....	60.00
Roosa, I. P.....	19.78	Clark, Margaret H.....	20.00
San Pedro, Los Angeles and Salt Lake	53.33	Clark, R. G.....	94.00
R. R.....		Coffin, F. R.....	300.00
Sierra Ry. Co. of California.....	1.69	Coleman, Gilbert B.....	105.00
Southern Pacific Co.....	327.76	Commissioners of Sanders County.....	31.32
Spokane Falls and Northern R. R. Co.....	6.50	Commonwealth Investment Co.....	840.00
St. Louis and San Francisco R. R. Co.....	34.59	Conklin, Arthur.....	204.00
Union Pacific R. R. Co.....	1,811.14	Conrad National Bank of Kalispell.....	161.50
Wabash R. R. Co.....	57.36		
Wyoming and Missouri River R. R. Co.	26.99		
Yreka R. R. Co.....	10.44		
Total.....	8,597.17		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Rent—Continued.</i>	
Cooper Martin & Co.....	\$180.00	McFadden, John D.....	\$2.00
Cornish, N. A.....	156.77	McHugh, P. J.....	33.00
County commissioners of Sanders County.....	40.00	McIntosh Opera House.....	10.00
Crocker, J.....	90.00	McLaren, W. D.....	20.00
Crow & Changnon.....	144.00	Maddock, E. C.....	12.50
Custer County Bank.....	2.00	Mandeville, W. B.....	180.00
Daigre, Alice.....	48.00	Mangum, W. Lester.....	180.00
Daniels, Henry.....	194.00	Marsh, Geo. B. (Incorporated).....	60.00
Daniels, J. D.....	154.00	Marsters, A. C.....	250.00
Danner, J. D.....	10.00	Martin, Roy W.....	198.00
Dante, W. J.....	91.93	Mason, L. H.....	186.55
Day, C. M.....	72.00	Melvin, J. Tracy.....	19.50
Denmire, Lizzie A.....	18.00	Merchants' Exchange, The.....	720.00
Doenges, C. H.....	37.33	Merriam, Walter E., administrator.....	96.00
Dougan, Wm.....	330.00	Messersmith, W. G.....	15.00
Doyle, Thomas.....	120.00	Meyer, Alfred B.....	31.66
du Millen, Leonie.....	90.00	Miller, W. J.....	150.00
Easeman, Geo. A.....	25.00	Mottet Bros.....	168.00
Easton, Wm.....	180.00	National Park Electric Co.....	30.00
Exchange Investment Co.....	45.00	Nelson, Jesse W.....	97.34
Farrington, E. S.....	180.00	Newman Investment Co., The.....	351.33
First National Bank.....	297.80	Niesz, B. F.....	168.75
First National Bank of Alamogordo, N. Mex., The.....	121.24	Nolf, Theodore.....	12.00
First National Bank of Delta.....	240.00	Osgood, Alicia.....	96.00
First National Bank of Douglas, Ariz.....	254.16	Pace, John E.....	96.00
First National Bank of Hailey, Idaho.....	70.58	Pacific Electric Ry. Co.....	528.00
First National Bank of Lakeview.....	79.20	Parker, F. L.....	600.00
First National Bank of Missoula.....	410.00	Pasadena and Mount Toll Road.....	220.00
First National Bank of Ogden.....	74.03	Peek, H. D.....	18.00
First National Bank of Salina.....	54.84	Peters & De Witt.....	10.00
First National Bank of Steamboat Springs.....	37.50	Peterson, Christian.....	38.25
Flourney, H. C.....	50.00	Pettingell, J. N.....	10.83
Ford, R. S.....	150.00	Pfingsten, Fred.....	21.00
Foster & Bruning.....	56.05	Pickford, Thomas H.....	550.00
Fox, W. P.....	180.00	Pierce, Allen.....	30.00
Fraternal Order of Eagles.....	20.00	Pilling, John W.....	110.00
Gardner, John A.....	17.50	Pickorski, Joseph.....	180.00
Gates, Maria.....	66.00	Pratt, Paul D.....	20.00
Gellatly, John A.....	180.00	Preston, W. B. & H. A.....	112.50
Gilham, Mrs. G. W.....	180.00	Ramsay, Geo. C.....	19.00
Graham, Frank A.....	15.60	Reid Hardware Co.....	135.00
Hackney, Chas. A.....	55.00	Requa, R. W.....	90.00
Hailey National Bank, Hailey, Idaho.....	82.50	Rhine, Bertrand.....	200.00
Haines, H. W.....	180.00	Riggs, B., sr., estate of.....	144.00
Hanson, Adolph.....	52.00	Rocky Mountain Bell Telephone Co.....	94.95
Hansen, Geo.....	60.00	Ruwe, Wm.....	169.68
Hefferlin, C. S.....	165.00	Salina Meat and Supply Co.....	42.35
Hill, Henry.....	102.90	San Diego Union Co.....	25.00
Holck, C. F.....	300.00	Scheerer, Jacob.....	25.00
Houx, Frank L.....	237.50	Schoof, Chas. A.....	2.50
Howard, Canfield Co.....	179.16	Schwartz, Ben.....	270.00
Hugus & Co., J. W.....	154.16	Seitz, Clyde R.....	46.45
Husted, Clara G.....	255.00	Shell, Combs & Co.....	200.00
Ish, Geo. W.....	84.00	Sherrill, C. A.....	10.00
Ivory, Bessie.....	35.00	Shinn, Christiana A.....	165.00
Jackson, Amanda.....	96.00	Shippey, O. P.....	58.50
Johnson & Smith.....	240.00	Shumway, W. H.....	10.00
Kaseman, Geo. A.....	250.00	Simmons Hardware Co.....	750.00
Kerr, John.....	77.78	Singleton, Walter.....	10.00
Krueger, Louis.....	180.00	Six, C. S.....	12.00
Lake, Henry F., agent for Edwin Scott.....	120.00	Sixth Avenue Building Co.....	210.00
Lake & Divine.....	103.96	Smith, Emmons S.....	270.00
Las Vegas Improvement Co.....	10.00	Smith, J. F.....	2.00
Laner & Sons, E.....	19.35	Steward, Geo.....	480.00
Lawley & Son, Corpie, Geo.....	15.00	Thompson, J. D.....	90.00
Lee, Drachman & Price, agents for the Arizona Building Co.....	17.50	Trolson, Jacob H.....	40.00
Libby Realty Co.....	94.00	Urban & Esling.....	87.50
Loud, F. H.....	30.83	Walker Bros. Dry Goods Co.....	297.57
Lyman & Son, T. K.....	6.00	Walsh, P. H.....	10.00
Lytle, Joe.....	40.00	Warren, E. B.....	225.00
McAllister, Mrs. E. J.....	76.65	Warren, Mrs. O. S.....	30.00
McCann, B. C.....	53.33	Weigle, W. G.....	10.00
McDougall, J. H.....	149.33	Wheaton, W. W.....	240.00
		Whipps, W. C.....	240.00
		Whittier, W. F.....	90.00
		Wickersham, T. A., agent for Thos. F. Walsh.....	5,207.94

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Rent—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Wightman, Emily.....	\$48.00	Allison, John H.....	\$112.30
Willow Lodge, No. 66, I. O. O. F.....	137.50	Ames, F. E.....	797.14
Wilson, D. E.....	300.00	Anderson, David.....	5.00
Wilson, David.....	150.00	Anderson, Geo. G.....	34.00
Wintemute, J. S.....	45.00	Anderson, Milton J.....	110.75
Woman's Board of Trade Library Association.....	25.00	Andrews, Frank E.....	25.25
Wood, H. R.....	312.50	Andrews, William T.....	700.20
Woolford, Clara.....	10.00	Armentrout, Edwin S.....	15.90
Wrensted, Benedicta.....	144.00	Arnold, Geo. S.....	869.70
Total.....	53,214.36	Ashe, W. W.....	24.95
<i>Gas and electricity.</i>		Ayres, Robert W.....	397.85
Conrad National Bank of Kalispell.....	1.25	Babbitt, Woodford H.....	49.50
First National Bank of Alamogordo, N. Mex.....	2.25	Backus, G. T.....	18.20
First National Bank, The.....	4.50	Baird, John S.....	266.81
Fort Wayne and Wabash Valley Traction Co.....	24.84	Balthis, Russell F.....	149.95
Potomac Electric Power Co.....	735.71	Bard, Geo. Phillip.....	725.62
Republic Light and Power Co.....	5.10	Barnes, Will C.....	727.92
Sisson Electric Light Plant.....	2.50	Barnett, Daniel.....	179.95
Utah Light and Railway Co.....	16.05	Barnum, Chas. T.....	66.16
Washington Gas Light Co.....	80.00	Barrett, Louis A.....	360.00
Yale University.....	47.72	Barrows, William B.....	197.90
Total.....	919.92	Bartmess, Edith H.....	90.30
<i>Apparatus, instruments, and laboratory material.</i>		Barton, J. Earle.....	445.02
Ballantyne, R. Carter.....	3,060.00	Bartrum, Smith C.....	260.05
Barber & Ross.....	85.60	Bassett, Chas. C.....	335.50
Bausch & Lomb Optical Co.....	1,397.90	Bateman, Ernest.....	53.80
Boaker, Roberts & Co. (Limited), A.....	91.12	Bates, Carlos G.....	759.83
Central Laboratory Supply Co.....	11.00	Bell, James R.....	5.35
Cleveland Rule Co.....	311.50	Benedict, J. St. J.....	343.43
Collins Manufacturing Co., A. M.....	940.00	Benedict, Raymond E.....	1,446.05
Dietzgen Co., Eugene.....	277.50	Benham, Henry L.....	407.70
Eimer & Amend.....	358.15	Bentley, John, jr.....	103.98
Friez, Julien P.....	25.00	Benton, Wm. H.....	142.59
Gilman, Z. D.....	83.42	Bentz, Geo. G.....	13.20
Grasselli Chemical Co.....	98.60	Bergh, Henry A.....	738.16
Greene, Henry J.....	246.55	Berky, Edgar C.....	18.10
Greiner Co., Emil.....	9.05	Berry, Swift.....	55.15
Gurley, W. & L. E.....	10,657.80	Besley, Fred W.....	27.60
Keuffel & Esser Co.....	985.00	Betts, H. S.....	515.15
Lufkin Rule Co.....	60.00	Bigelow, Richard L. P.....	250.40
Mackall Bros.....	334.76	Blair, James A.....	6.30
McKee & Co., A. J.....	3.67	Blatt, Fred W.....	98.00
Missoula Mercantile Co.....	13.00	Bliler, Harry A.....	206.53
Muth & Co., Geo. F.....	4,889.58	Boisen, A. T.....	728.28
National Supply Co.....	218.75	Bradfield, Wesley.....	293.22
Palmer, Saml. C.....	2.40	Braniff, Edward A.....	454.85
Perkins & Son (Incorporated), B. F.....	75.00	Breen, F. S.....	36.80
Queen & Co. (Incorporated).....	28.76	Bridges, John H.....	39.85
Schmidt, Fred A.....	5,675.30	Bristol, H. Stanley.....	370.05
Shilling, Geo.....	21.50	Bronson, Daniel D.....	1,972.04
Sussfeld, Lorsch & Co.....	550.00	Brothers, Chas. S.....	201.15
Tatum Co., Whitall.....	8.06	Bruce, Eugene S.....	486.95
Technical Supply Co.....	497.85	Bruins, J. Frank.....	77.65
Thomas Co., Arthur H.....	79.39	Buck, Clarence J.....	176.63
Traves, C. E.....	251.50	Bunker, Page S.....	293.66
Zeiss, Carl.....	197.54	Bunton, William B.....	74.15
Total.....	31,535.25	Burns, Findley.....	171.25
<i>Travel and station and field expenses.</i>		Burns, Mark.....	289.89
Abbot, Albert J.....	452.39	Burrall, Harry D.....	50.05
Adams, Chas. H.....	1,065.44	Burrell, G. A.....	53.24
Adams, Daniel W.....	176.15	Bushnell, Dwight.....	560.72
Adams, James B.....	1,189.28	Bushnell, Ralph H.....	105.80
Allen, Edward T.....	816.31	Butler, Ovid M.....	81.05
Allen, Grenville F.....	387.75	Campbell, J. K.....	914.61
		Campbell, Walter M.....	54.20
		Carter, E. E.....	1,119.92
		Castle, Chas. L.....	1,170.65
		Cater, Frederick W.....	238.12
		Cecil, Geo. H.....	902.82
		Chapman, Chas. S.....	1,364.79
		Chapman, Herman H.....	211.05
		Chapson, Elmer E.....	55.80
		Charlton, Rushton H.....	7.45
		Chidsey, Thos. E.....	15.00
		Chrisman, Morris.....	347.40
		Clapp, Earle H.....	1,163.65

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Clark, John H.	\$270.35	Guthrie, John D.	\$1,240.67
Clark, W. D.	533.92	Hadley, Walter B.	233.40
Clark, Willard W.	166.75	Hadley, Frederick H.	464.64
Clarke, Edwin H.	141.49	Haines, Fremont N.	353.74
Clifford, E. C.	162.60	Hale, Harry M.	596.67
Cline, McGarvey	1,261.77	Hall, Chas. C.	126.01
Clos, W. C.	765.35	Hall, William L.	90.10
Clothier, Geo. L.	263.51	Hall, W. N.	92.40
Coffman, John D.	143.30	Hamilton, E. M.	239.07
Cohon, Anson E.	438.02	Halverson, Earl	131.10
Coleman, Geo. A.	32.15	Hamel, A. G.	58.36
Coleman, Gilbert B.	381.80	Hammatt, Richard F.	429.79
Conkling, D. T.	188.30	Hanson, Frederick	78.62
Coolidge, Philip T.	69.25	Hard, E. C.	393.11
Cooper, Lee E.	22.00	Harris, Lee A.	682.08
Cooper, Theodore R.	136.29	Harris, P. T.	599.69
Cott, Geo. L.	1,048.72	Harrison, D. C.	474.95
Couch, Edmund	10.90	Harrison, E. R.	65.55
Cox, William T.	999.45	Hatt, W. K.	321.34
Craft, Quincy R.	254.30	Hatton, John H.	1,100.38
Crawford, Carl G.	997.23	Hawley, Lee F.	672.89
Cross, Samuel M.	106.02	Hayes, William D.	355.75
Crowell, Lincoln	458.45	Headley, Roy	210.30
Cryder, William W., jr.	73.78	Heilman, Ben C.	699.90
Currie, G. Hugh	19.10	Heim, Arthur L.	245.45
Curry, Thos. A.	85.50	Helphenstine, R. K., jr.	41.65
d'Allemand, B. R. H.	120.40	Henderson, Walter C.	482.70
Dana, Samuel T.	708.59	Herring, A. L.	345.83
Darley, Wm. M.	15.95	Herring, W. E.	1,754.50
Darling, Elbert H.	734.51	Herty, Chas. H.	81.63
Daug, William H.	145.95	Higgins, Chas. G. Y.	20.30
Day, T. L.	310.45	Hill, C. L.	397.60
Dean, Arthur L.	22.32	Hill, W. F.	345.97
Detwiler, S. B.	180.25	Hinderer, Chas. H.	369.81
Dorsey, Edgar J.	20.25	Hodge, William C., jr.	739.38
Du Bois, Coert	978.42	Hodson, E. R.	387.20
Duncan, L. Grant	102.45	Hogan, Thomas	151.73
Dunston, Clarence E.	338.53	Hogue, A. H.	189.65
Durbin, William G.	466.70	Holmes, John S.	548.26
Dwire, Carroll R.	57.90	Holroyd, H. B.	716.21
Eastman, H. B.	217.44	Homans, G. Morris	661.90
Eckbo, Nils B.	879.93	Hoppe, Albert	201.63
Edmonston, W. D.	847.80	Howarth, James A., jr.	265.19
Edmunds, P. D.	202.12	Hoyt, Timotheer C.	217.88
Eldredge, I. F.	1,284.06	Hubbard, John V.	697.93
Elliot, Madison B.	40.00	Hughel, Niles	477.41
Ellis, S. L. N.	39.15	Hughes, John P.	1,299.14
Erickson, M. L.	1,121.50	Hunt, Loren E.	528.51
Farmer, John W.	1,603.28	Hurst, William	198.82
Farrar, Calvin L.	757.72	Imes, Richard P.	732.55
Fenn, Frank A.	93.20	Ireland, A. S.	58.65
Fenn, Homer E.	356.69	Iverson, Andrew C.	42.40
Fetherolf, James M.	991.70	Jackson, William E.	25.75
Fitzgerald, C. W.	505.24	Jardine, James T.	399.25
Fletcher, Elmer D.	72.43	Janes, Lionel Leroy	83.50
Flintham, Stuart J.	690.00	Jensen, Adolph W.	242.59
Flory, Chas. H.	398.65	Jensen, M. C.	36.48
Foster, Harold Day	214.39	Jepson, Willis L.	199.37
Foster, John Harold	533.42	Johnson, H. Norton	799.95
French, Harry H.	466.51	Jones, E. H.	366.40
Fromme, Rudo L.	77.80	Jones, John D.	157.29
Frothingham, Earl H.	307.56	Jones, Zeph.	216.31
Gage, Chas. E.	404.04	Joy, F. E.	731.23
Galerneau, D. C. A.	657.00	Judd, Chas. S.	713.70
Geer, Wm. C.	89.47	Kavanagh, Edward N.	630.58
Gillan, Silas L.	196.30	Keach, John E.	101.42
Gleason, Carl W.	304.40	Kearney, Geo. S.	276.04
Goddard, William H.	324.05	Kelleter, Paul D.	1,124.92
Goss, Oliver P. M.	555.70	Kelley, Evan W.	132.45
Grandjean, Emile	662.15	Kellogg, R. S.	945.24
Granger, Christopher M.	127.75	Kelso, William B.	18.60
Graves, Henry S.	299.49	Kempfer, Wm. H.	299.98
Greeley, William B.	546.74	Kent, W. H. B.	926.93
Gregg, Geo. P.	909.72	Kerr, John	15.45
Griffith, E. M.	329.04	Kinney, David G.	451.19
Gustafson, Geo. H.	82.19	Kling, L. A. H.	120.45

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Knapp, J. B.	\$433.92	Norton, A. J.	\$615.09
Kneipp, Leon F.	1,723.42	O'Brien, Howard K.	4.40
Koch, Elers.	18.00	Ogier, Geo. R.	219.77
Kramer, Edwin W.	488.28	Ohlsted, F. E.	929.10
Kreutzer, William R.	48.05	Oman, A. E.	827.88
Kummel, Julius F.	285.35	Pack, Daniel S.	241.87
Kupfer, Carl A.	645.56	Paine, Paul M.	143.00
Lafferty, J. B.	340.05	Parker, A. A.	96.60
La Fountain, W. E.	901.82	Parnay, Serope Y.	53.56
Lang, Duncan M.	123.65	Patterson, John H.	16.00
Leavitt, Clyde	853.11	Paul, H. A.	346.33
Le Grand, Nelson L.	24.90	Pearson, Gustaf A.	70.65
Leslie, E. E.	636.41	Peavy, Geo. W.	1,443.75
Lewis, C. A.	202.44	Peck, A. S.	854.54
Lichtenthaler, F. E.	84.55	Perrine, Wallace S.	224.78
Linscott, Sam S.	705.05	Peters, J. Girvin.	373.19
Lovejoy, Parish S.	72.75	Pfaender, Max.	28.20
Lyon, Robert G.	76.00	Phillips, Frank J.	182.03
McCain, Arthur C.	74.30	Phillips, Ress.	820.48
McClinton, Claudine	16.55	Pierce, Chas. R.	388.98
McClure, Francis S.	16.00	Pierson, Albert H.	453.08
McClure, Robert C.	152.80	Pinchot, Gifford.	901.33
McClure, S. A.	21.30	Piper, William Bridge.	334.87
McElroy, C. A.	445.17	Plummer, Fred G.	476.70
McElroy, William	463.46	Pollock, Geo. F.	818.41
McGlone, Chas. T.	64.15	Pond, Russell G.	408.10
McKenzie, H. E.	57.35	Pooler, Frank C. W.	24.75
McKinnon, William R.	456.07	Potter, A. F.	767.40
McLaughlin, Robert P.	701.90	Power, William H.	234.60
McMillan, Morton, K.	806.06	Powers, Allen R.	147.80
McMillan, Ross.	338.23	Pratt, M. B.	249.75
McMullin, C. E.	162.05	Preston, John F.	930.72
McVean, Milton J.	347.90	Price, Norman B.	13.50
MacDonald, G. B.	651.66	Price, Overton W.	698.08
MacDuff, Nelson F.	141.40	Pring, W. H.	395.23
MacGuiffey, Kingsley R.	171.85	Pullman, Raymond W.	261.10
MacKaye, Benton	153.96	Read, A. D.	35.05
Mackintosh, R. S.	21.94	Rebmann, Jeremiah.	504.91
MacMurray, R. M.	565.58	Recknagel, A. B.	861.68
Mains, Guy B.	51.95	Record, Samuel J.	580.89
Margolin, Louis.	546.19	Redington, Paul G.	1,283.22
Marsh, C. Dwight.	127.90	Reed, F. W.	745.65
Marshall, G. E.	68.09	Reed, Geo. A.	213.05
Marshall, Harold A. E.	222.82	Reed, William H.	71.20
Martin, Drayton C.	41.90	Reese, Dora.	59.75
Martin, Joseph P.	504.75	Reynolds, Robert V. R.	1,010.15
Maryott, Dana W.	276.85	Rus, John.	33.15
Mason, D. T.	742.33	Riley, Smith.	1,509.56
Mast, Wm. H.	641.30	Ringland, Arthur C.	922.38
Mathews, Harry E.	37.70	Rodman, Douglas.	75.40
Mattoon, W. R.	930.32	Rogers, David Nathan.	204.90
Mell, C. D.	210.25	Rothkugel, Max.	698.19
Melzar, Ernest A.	810.61	Rush, Frank.	46.10
Merrill, H. G.	57.75	Russell, E. C.	34.15
Mesnard, Ralph E.	582.92	Sackett, H. S.	806.69
Metcalf, Hermon C.	30.10	Salzman, F. H.	276.45
Milham, Geo. W.	344.85	Sampson, Arthur W.	193.30
Miller, Frank G.	229.40	Santucci, Joseph.	18.90
Miller, L. C.	1,079.30	Satterlee, Jerome B.	147.38
Miller, Robert E.	9.85	Sawyer, Geo. E.	439.69
Miller, William H.	18.60	Schoonover, Chas. E.	151.35
Mills, Enos A.	1,957.89	Scott, Chas. A.	10.46
Mitchelson, Albert T.	728.31	Searcy, Elmore W.	30.70
Moore, Felix T.	35.50	Shaw, Alexander C.	876.84
Moore, S. L.	733.32	Sherfese, W. F.	270.72
Morrell, Fred W.	760.80	Shipp, Thomas R.	502.90
Morrison, Geo. R.	37.09	Shockley, H. R.	4.00
Mulford, Walter.	107.15	Selkirk, R. J.	122.70
Murdoch, John, jr.	104.00	Shaw, Ernest W.	681.71
Murphy, Louis S.	642.02	Sheller, David B.	126.63
Neel, Harry C.	276.80	Sherman, E. A.	1,060.50
Nelson, Jesse W.	412.70	Sherrard, Thomas H.	651.75
Nelson, John M., jr.	495.97	Sherwin, Frank R., jr.	14.65
Nelson, N. L. T.	44.25	Shinn, Chas. H.	13.29
Nesपाल, Wm. C. F.	757.47	Siecke, Eric O.	249.23
Newlin, John A.	395.67	Silcox, F. A.	294.04

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "General expenses, Forest Service, 1908, \$1,756,800"—Continued.

Name.	Amount.	Name.	Amount
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Skeels, Dorr.....	\$201.05	Torstenson, Nels O.....	\$228.36
Slosson, Willis M.....	381.39	Toumey, James W.....	835.37
Smith, A. Mark.....	1,214.52	Tremewan, C. Sydney.....	38.45
Smith, C. Stowell.....	518.92	Tully, E. F.....	406.79
Smith, Foster G.....	14.65	Turner, Harry C.....	92.90
Smith, Franklin H.....	359.13	Uhler, W. S.....	438.55
Smith, Glen A.....	109.60	Urquhart, Keith A.....	15.40
Smith, Geo. C.....	41.55	Varela, Arthur G.....	29.15
Smith, Herbert A.....	373.78	Vogel, Frank.....	177.34
Smith, Percy G.....	122.08	von Bayer, W. H.....	653.33
Smith, Stanton G.....	881.45	von Wernstedt, L.....	1,237.28
Snodgrass, Perry L.....	91.55	Waha, A. O.....	955.45
Snow, Orrin C.....	142.75	Wales, F. C.....	512.63
Sobey, Frank P.....	10.90	Warner, Joseph De Witt.....	882.35
Spaulding, Thos. C.....	366.35	Weigle, W. G.....	1,557.51
Spencer, Frank C.....	418.05	Weiss, Howard F.....	229.46
Spencer, Henry L.....	43.61	Wells, Philip P.....	34.55
Spring, S. N.....	585.12	Wheaton, W. R.....	1,014.75
Squire, Chas. H.....	41.05	Wheeler, Blucker L.....	128.20
Stabler, H. O.....	426.97	Wheeler, Herbert N.....	54.30
Stahl, C. J.....	329.90	White, L. L.....	955.22
Stahlnecker, P. S.....	62.70	Whitney, Chester N.....	70.80
Staley, William F.....	179.40	Whittleton, Robert R.....	72.05
Sterrett, W. D.....	697.92	Wilber, Chas. P.....	242.10
Streit, J. W.....	361.35	Will, Thos. E.....	552.25
Stroup, Andrew L.....	70.55	Williams, Eugene.....	25.65
Stuart, R. Y.....	549.78	Willis, Clarence P.....	45.67
Stuart, R. W.....	62.35	Willson, Roscoe G.....	81.30
Studley, Horace F.....	212.98	Wilson, R. B.....	4.80
Sudworth, Geo. B.....	234.29	Winkenwerder, Hugo A.....	413.82
Sullivan, Chas. J.....	429.42	Winslow, Carlisle P.....	243.90
Surface, Henry E.....	69.51	Woodbury, Trueman D.....	786.83
Swan, O. T.....	1,108.09	Woodman, Ulah M.....	82.55
Swift, Theodore T.....	138.46	Woodruff, Mark G.....	40.50
Swim, Clarence B.....	61.25	Woods, Clarence N.....	113.05
Terry, Elwood I.....	82.50	Woodward, Karl W.....	372.59
Thain, James G.....	57.05	Woolsey, T. S., jr.....	1,715.89
Thayer, A. L.....	526.32	Work, Joseph Y.....	611.40
Thelen, Rolf.....	169.55	Worthley, I. T.....	461.35
Thenon, Edward.....	54.05	Wrenstedt, Peter T.....	6.85
Thompson, Geo. C.....	586.45	Ziegler, E. A.....	504.24
Thurston, Harry W.....	549.85	Zon, Raphael.....	595.23
Tjdestrom, Ivar.....	351.50		
Tiemann, Harry D.....	175.32		
Tompkins, Frank.....	454.65		
		Total.....	182,445.70

Total amount of appropriation.....\$1,756,800.00  
 Total expenditures under above groups.....1,724,093.79

Unexpended balance.....32,706.21

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Herring, W. E.	Chief of engineering, at \$2,400.	\$600.00	\$326.75
Work, Joseph Y.	Assistant engineer, at \$1,800.	60.00	
Kramer, Edwin W.	Constructing engineer, at \$1,800.	190.00	
Martin, Jos. P.	do.	150.00	
Mesnard, Ralph E.	do.	190.00	31.05
Nesbital, Wm. C.	do.	450.00	280.10
Wales, Frederick C.	do.	190.00	37.10
Cater, Frederick W.	Constructing engineer, at \$1,500.	158.33	25.50
Hughel, Nile.	Civil engineer and constructing civil engineer, at \$1,500.	158.33	17.80
Harrison, Edw. R.	Constructing civil engineer, at \$1,200.	33.33	
Jardine, James T.	Special agent, at \$1,800.	600.00	17.95
Hall, Wm. N.	Surveyor and draftsman, at \$1,600.	182.22	44.40
Herring, A. L.	Civil engineer, at \$1,600.	168.89	24.65
Jones, E. H.	Civil engineer, at \$1,500.	108.33	
Day, T. L.	Telephone expert, at \$1,500.	8.33	
Leslie, E. E.	Telephone lineman and repairman, at \$65 per month.	195.00	196.34
Tidestrom, Ivar.	Scientific assistant, at \$1,200 and \$1,500.	350.00	54.34
Sampson, A. W.	Expert in plant ecology, at \$1,200.	300.00	22.59
Pearson, G. A.	Forest assistant, at \$1,000.	250.00	78.80
Total.		4,342.76	
<i>Out of Washington.</i>			
Darling, E. H.	Forest expert, at \$1,500.	250.00	153.80
Clark, John H.	Forest ranger, at \$1,400.	216.66	119.43
Iverson, A. C.	Assistant forest ranger, at \$900 and \$1,000.	78.33	
Clabby, R. E.	Forest guard, at \$900.	75.00	
Edson, Gordon.	do.	150.00	152.09
Total.		769.99	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Barnickle, A.	\$1.70	Allen, Alonzo.	\$45.00
Sonora News Co.	3.15	Allen, Jackson.	51.75
Yawman & Erbe Mfg. Co.	2,064.00	Allen, James A.	448.79
Total.	2,068.85	Allen, Joe.	35.00
<i>Miscellaneous supplies, etc.</i>		Allen, J. C.	21.00
Abbott, J. H.	60.13	Allen, J. J.	2.50
Abousleman, Moses.	16.35	Alpert, A.	40.45
Abraham & Karsky Co.	44.19	Altamirano, Jesus.	16.25
Achenbach, E. F.	7.21	Alvarez, Esteban.	17.50
Achenbach, Jacob H.	20.00	Alvarez, Feliciano.	16.25
Adair, Ira.	30.00	American Hardware Co.	12.70
Adams, G. E.	3.70	American Steel and Wire Co., The.	28.40
Adams, Albert.	5.00	Ames, A. C.	36.00
Adams, Elmer H.	27.50	Ames, R. A.	21.38
Adams, Hallis.	57.50	Anaconda Copper Mining Co.	325.96
Adams, H. E.	7.00	Anderson, Andrew.	58.44
Adams, John.	65.00	Anderson, Edwin.	67.50
Adams, Wallace.	5.00	Anderson, John.	10.50
Adamson, J. W.	54.50	Anderson, Peter.	112.00
Albrecht, Henry F.	7.50	Anderson, R. J.	18.31
Aleshire, Charley.	60.75	Anderson, Wesley.	89.00
		Anderson & Baker.	44.03
		Anderson Lumber and Hardware Co.	147.35
		Andosola, Antonio.	40.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews, Fred W. ....	\$47.25	Berry, Marcus. ....	\$20.00
Andrews & Co., D. E. ....	9.00	Berthelson, J. C. ....	14.00
Andrews, R. H. ....	20.00	Bessey Co., C. ....	1.50
Andries, Paul. ....	11.00	Best, A. J. ....	12.00
Anos, Henry. ....	110.00	Betenson, Edward. ....	50.60
Aplington, Tom M. ....	32.25	Bethers, Asa. ....	16.25
Apple, G. W. ....	28.16	Betz, George. ....	16.27
Applington, James. ....	165.50	Big Blackfoot Milling Co. ....	12.50
Arendt, John. ....	37.80	Billings, Henry. ....	125.00
Arentson, Carl B. ....	10.00	Billy Department Store, Ax. ....	32.94
Arizona Lumber and Timber Co. ....	159.66	Binherd, G. L. ....	12.00
Armstrong, John W. ....	30.00	Bishop, Jasper N. ....	73.45
Armstrong, Emery. ....	35.00	Blackstock, Moore. ....	90.00
Arnold, Otto. ....	15.00	Blackwell, C. W. ....	11.00
Atkin, W. A. ....	17.96	Blackwell, George. ....	33.00
Atlanta Mercantile Co. ....	47.15	Blackwell, Herman. ....	32.00
Atlanta Supply Co. (Limit. d), The. ....	122.93	Blair, C. S. ....	52.00
Auhder, Conrad. ....	49.60	Blake, Edgar. ....	36.00
Austin, A. B. ....	78.00	Blake, F. G. ....	38.00
Austin, Ben. ....	32.50	Blankenship, Henry. ....	147.88
Austin, Fred. ....	30.00	Blankinship, B. J. ....	8.50
Averett, Aldin. ....	67.50	Blevins, Emile. ....	16.25
Avery, Chas. E. ....	5.00	Blixt, A. A. ....	16.00
Ayers, Harry L. ....	73.00	Boeseke-Dawe Co. ....	10.55
Ayers, R. S. ....	32.00	Bohart, R. F. ....	2.00
Babbett Bros. ....	60.11	Bohnenkamp Co., W. H. ....	65.55
Bagley Meat and Grocery Co. ....	16.75	Bomar, N. d., and Carl L. Wolf. ....	1,045.00
Baker, D. D. ....	21.61	Boncher, J. I. ....	18.00
Baker, W. C. ....	51.00	Boncher, Wilfred A. ....	32.62
Baker, W. M. ....	38.00	Bonnell, Burt J. ....	17.50
Bakersfield Hardware Co. ....	22.30	Bonney, James H. ....	102.50
Baldwin, Harlow M. ....	47.25	Booth, John W. ....	80.42
Ballard, W. P. ....	10.00	Booth, R. W. ....	110.50
Ballif, A. ....	11.75	Boothe, Creston L. ....	31.50
Band Mercantile Co., J. L. ....	34.80	Boothe, Frank F. ....	29.25
Bangs, Elix. ....	22.50	Borrell, John. ....	45.00
Banning Mercantile Co. ....	21.25	Bowen, Floyd. ....	58.75
Barbo, Ignacio. ....	17.50	Bowen, J. C. ....	100.99
Barker, Willard. ....	23.00	Bowen, R. E. ....	153.00
Barlow Bros. ....	22.35	Bowers, Frank. ....	40.00
Barnard, A. ....	8.00	Boyce, George. ....	40.00
Barnard, T. E. ....	51.33	Boyes, W. B. ....	2.25
Barnes, Joe. ....	10.35	Boyle, Latham. ....	9.00
Barnes & Son, G. T. ....	31.50	Brackney, Charles. ....	13.50
Barney, Thos. A. ....	53.75	Bradley, C. C. ....	6.25
Barnum, F. R. ....	100.65	Brady, Charles E. ....	84.50
Barnum, H. ....	93.00	Braisher, John. ....	31.00
Barrett, Arthur C. ....	135.00	Bramblee, G. W. ....	36.50
Barron, Jas. C. ....	41.63	Brecklein, E. O. ....	7.50
Bassett Lumber Co. ....	106.30	Brennan, Joe. ....	82.50
Bates, Frank J. ....	67.00	Brennan Bros. ....	34.63
Bates, H. C. ....	12.98	Britton, James H. ....	27.00
Batson, J. E. ....	173.87	Brizard (Incorporated), A. ....	37.00
Baxter, F. W. ....	5.00	Brooks, T. J. ....	3.50
Bayl ss, C. H. ....	48.92	Brown Co., The A. ....	33.50
Beach, W. m. ....	67.50	Brown, Mrs. C. C. ....	6.50
Beach, W. H. ....	36.00	Brown, E. ....	10.00
Beager, A. L. ....	12.00	Brown, Mrs. J. E. ....	22.40
Beals, J. M. ....	1.50	Brown, Harry H. ....	18.40
Bean Hardware Co., A. B. ....	36.75	Brown, Nellie C. ....	14.60
Beardmore, Chas. W. ....	14.00	Brown, N. D. ....	71.80
Beasley, John. ....	13.68	Brown, Will. ....	35.00
Beatty, Jas. A. ....	3.25	Brown, W. J. ....	185.84
Beck, Bert. ....	36.25	Brown & Fewkes. ....	16.45
Becker-Blackwell Co., The. ....	15.47	Brown Trading Co., H. O. ....	6.70
Bedal, Harry. ....	16.00	Browne, T. C. ....	13.80
Beebe Lumber Co. ....	16.45	Brownell Bros. Co. (Limited). ....	5.10
Beggs, H. C. ....	5.25	Bryant, Emery. ....	8.00
Bellefleur, Will. ....	84.85	Bryant, E. F. ....	24.00
Benbow-Horton Hardware Co. ....	6.00	Bryant, George A. ....	38.00
Bennett, David Raymond. ....	18.00	Buchan, James. ....	3.85
Bennett, J. F. ....	51.00	Bue, Nils K. ....	54.00
Bennett, M. E. ....	10.88	Buell, John L. ....	1.25
Bennett, Ray. ....	32.00	Buell, W. M. ....	24.00
Bentley, Wm. ....	13.50	Bufanda, Miguel. ....	13.75
Bergleen, J. ....	57.50	Bullard, Chas. ....	82.25
Berry, Charley, jr. ....	20.00	Bundy, Ebner. ....	142.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bunn, Joseph.....	\$57.50	Clark, Sam.....	\$125.00
Buoy, G. E.....	30.00	Clary, Isaac.....	2.50
Burbidge, William.....	112.00	Clary, D.....	1.25
Burbridge, J. E.....	110.00	Clay, Clifford H.....	5.00
Burch, John B.....	6.00	Clayton, F. O.....	62.50
Burgman, S. R.....	42.00	Clemerson, Lewis W.....	22.00
Burk, Albert.....	16.00	Clemens, Wade.....	11.00
Burns, Charles J.....	118.12	Clonder, Walter.....	3.50
Burns, R. E.....	138.50	Close, Otto.....	79.00
Burrola, Francisco.....	17.50	Coalson, Wm.....	12.00
Burrola, Isidoro, jr.....	16.25	Cocheran, John C.....	36.80
Burrola, Isidoro, sr.....	18.75	Cochran, Alfred A.....	162.00
Burrola, Nasario.....	13.75	Cochran, R. W.....	13.00
Bush, L. S.....	36.00	Coe, Charley C.....	27.00
Butler & Son, George E.....	4.50	Coeur d'Alene Hardware Co.....	155.84
Byrne, Raymond.....	8.75	Coffinberry, Egbert.....	3.00
Caballero, Francisco.....	13.75	Colbert, Thomas.....	3.13
Calbick, Allen.....	90.00	Collett, Alex.....	12.00
Calbick, William.....	100.00	Collins, Henry.....	11.00
Calcote, Allen I.....	20.00	Collins, Wilkie.....	60.00
Caldwell, Bert F.....	50.00	Colorado Telephone Co., The.....	39.40
Caldwell, Mrs. Dan.....	7.50	Combs, Asa.....	90.62
California Hot Springs.....	39.88	Comstock, Oscar.....	138.75
Callard, C. B.....	3.50	Conard, W. E.....	85.00
Callis, A. J.....	69.00	Conder, James O.....	18.00
Callon, Fred B.....	110.28	Condor Water and Power Co.....	27.80
Cameron, Wm.....	15.31	Conger, Willis.....	44.75
Camp, George.....	63.00	Conlin Bros.....	108.45
Campbell, Guy.....	9.00	Conlon Mercantile Co.....	9.75
Cantrall, George.....	58.00	Conn, Charles E.....	62.50
Cantwell, W. F.....	27.13	Conner, Aaron.....	87.12
Carbon Timber Co.....	21.71	Conner, G. W.....	5.50
Cardell Lumber and Coal Co.....	24.55	Conner, Robert J.....	20.00
Carlin, F. W.....	20.00	Connor, S. H.....	1.00
Carlson, Gust.....	150.00	Connors, J. M.....	33.90
Carlson, Henry.....	136.49	Conrad, Albert.....	21.00
Carlton & Noble.....	21.40	Consolidated Wagon and Machine Co.....	91.40
Carlson-Lusk Hardware Co.....	18.00	Cook, Warren E.....	2.50
Carnine, L. A.....	33.75	Coolin, Edith F.....	18.00
Carper, Alfred E.....	103.50	Cooper, O.....	20.00
Carper, Perry.....	45.00	Cooper, Perry D.....	65.00
Carr, Chas.....	22.50	Cooper, Thomas A.....	65.00
Cary Hardware Co.....	5.20	Copper Queen Consolidated Mining Co.....	37.05
Cash, W. H.....	95.76	Corbett, Warren.....	185.00
Casias, Encornacion.....	46.00	Corbett, W. J.....	12.15
Cash Store, The.....	17.10	Cordova, Juan de Dios.....	18.00
Cassarette, Frank L.....	589.02	Cornell, A. B.....	5.00
Castro, Pedro.....	17.50	Corn, Perry.....	37.50
Cate, Oscar.....	82.50	Cornell, A. C.....	36.00
Cater, A. J.....	32.00	Corrick, Theodore.....	52.20
Cayton, James G.....	19.00	Cory, David.....	96.50
Chambers Hardware Co.....	49.80	Cotton, John.....	152.00
Champion, William V.....	5.00	Coty, George.....	22.61
Chapman, Albert.....	17.50	Countryman, A. R.....	2.50
Chapman, Chas.....	19.55	Cove Mercantile Co.....	98.95
Chapman, John.....	45.00	Cox, O. L.....	73.04
Chapman, Jno. M.....	7.50	Coy, H. G.....	61.30
Chapman, N. H.....	13.20	Crabtree, Alfred.....	37.00
Chase, Cleve.....	18.00	Crabtree, Myrl.....	20.50
Chavez, Abram M.....	26.00	Cramer, O. A.....	16.45
Chelan Hardware and Furniture Co.....	21.09	Cramer Bros.....	91.93
Cheney, Chester.....	70.00	Crandell, Ivan.....	126.00
Chidester, A. J.....	2.75	Craver, T. B.....	21.60
Chidester, Park.....	80.50	Crawford, A. D.....	10.00
Chidester, Wm.....	77.50	Crawford, C. N.....	160.00
Chilcoat, J. R.....	19.37	Crawford, N. T.....	158.75
Chipman Mercantile Co.....	34.67	Creed Lumber Co., The.....	13.53
Christiansen, Aaron P.....	5.00	Cress, George H.....	25.00
Christensen, Heber.....	52.00	Crockett, George D.....	20.00
Christopher, R. C.....	94.50	Cronkhite, S. S.....	57.00
Chuning, R. L.....	7.40	Crossthaite, Eugene.....	46.80
Churchill, F. H.....	103.05	Crow, Wm.....	30.00
Clark, Allan B.....	18.00	Crowder & Doyle.....	39.78
Clark, C. J.....	20.00	Crowe, W. H.....	52.88
Clark, James.....	85.00	Crunk, John M.....	110.00
Clark, Joseph.....	125.00	Cuff, James.....	74.85
Clark, Reuben J.....	7.50		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Culbertson, E. F.	\$27.00	Dunn, James	\$60.25
Culpepper & Dowell	70.50	Dunning, Ed.	23.75
Culver, J. M.	174.25	Dunning, J. W.	36.00
Cummings, E. J.	13.90	Durfey, Frank	82.45
Cunningham, J. A.	27.50	Dutton, A. L.	14.05
Curran, D. T.	43.55	Duzett, E. H.	37.70
Curtiss, H. B.	40.00	Earley, A. H.	21.00
Cuthbertson, A. M.	59.00	East Oregon Mercantile Co.	3.50
Daggett, Chas. D.	26.25	Eby, Fred.	9.20
Daley, Stephen	32.62	Ecker, C. L.	8.00
Damgard, Louis	28.00	Ecker, Roy	6.00
Danforth, M. C.	178.50	Eddy, W. J.	21.00
Daniels, Ray	49.50	Edgmand, T. K.	75.00
Darley, Fred.	55.00	Edick, Mark	70.00
Darrington Store (Incorporated), The.	133.45	Edison Electric Co., The	8.82
Darrow, Mark	38.25	Edwards, Claude	65.00
Daugherty, Giles	211.50	Edwards, C. H.	15.00
Daugherty, Walter	87.50	Edwards, Thomas	75.00
Davenport, Elmore V.	35.00	Eggenhaler, Rupert	44.00
Davey, W. M.	12.00	Egli, Fred.	25.00
Davies, William L.	21.85	Elebrecht, Joe	20.00
Davis, Albert	27.00	Electric Appliance Co.	41.73
Davis, Mrs. Charles A.	12.00	Elkins, C. W.	37.47
Davis, Gertrude	20.50	Elko Lumber Co.	262.15
Davis, James F.	17.50	Elliott, Wm.	7.50
Davis, T. L.	23.10	Ellis, John	3.50
Davis, Robert E.	45.00	Ellis, J. M.	35.00
Dawson, James	12.50	Ellis, Robert J.	69.74
Dawson, R. W.	11.45	Ellis, W. O.	3.00
Dean, Thomas J.	33.90	Ellis-Forde Co., The	18.15
Dean & Brown Mercantile Co.	30.80	Elster, Albert	3.50
Deaver, Sherman	12.50	Emery, Oscar A.	5.00
Debitt, R. M.	109.00	Emrick, Ira E.	50.00
De Laney Co., A. J.	6.75	Engel, George	40.00
Delano, O. D.	91.00	Engels, H. L.	156.31
Demit, James	10.50	Ennis Bros. Transportation Co.	6.50
Dempsey, Joseph H.	78.50	Enos, Henry	75.00
Dennis Lumber Co., J. M.	102.16	Enterprise Mercantile and Milling Co.	111.29
Denny Bar Co.	17.80	Epperly, E.	10.00
De Staffany, James	79.35	Epperly, F.	10.00
Devine, J. H.	15.50	Erb Bros.	7.95
Dewey, Ed.	23.00	Escudero, Francisco	17.50
Dexter, J. C.	4.83	Espinosa, Jose	16.25
Dickerson, Arthur	30.00	Estes, J. R.	20.00
Dickerson, John	10.00	Eureka Lumber Co.	23.86
Dickerson, C. A.	34.50	Everett, Archey	6.10
Dickson, D. S.	91.60	Everett, C. E.	18.00
Dietrick, George	100.00	Ewing, Carl M.	27.50
Dillon, William	109.00	Ewing, J. C.	35.80
Dodd, J. M.	3.00	Exchange Grocery	33.70
Dodge, A.	2.50	Fackler, Walter	11.25
Dodge, Andrew	32.62	Fader, Jim	1.50
Doggett, G. L.	22.00	Fairchild, C. C.	31.77
Donica, Dayton	144.00	Fairecloth, Can.	30.00
Donnelly, James	22.50	Falk Mercantile Co. (Limited), The.	23.92
Doran, James	117.50	Fanning, A.	34.00
Dorsch, H. G.	30.00	Fareld, Jess	187.50
Dorsett, G. A.	42.00	Farley, Rollo P.	30.00
Dorsett, O. A.	9.00	Farlow, H.	23.00
Dotta, A.	43.75	Farlow, L. E.	20.00
Doty, J. W.	9.00	Farnworth, Joe	151.34
Doty & Cartmell	12.50	Farrar, F. W.	29.94
Douglass, Robert	89.37	Faulds, W. B.	7.50
Downs, Newton V.	20.00	Fee, E. W.	3.40
Doyle, Pat.	73.40	Feierisen, John	47.00
Drake, George W.	12.00	Fenn, Lloyd A.	152.50
Draper, Charles R.	18.75	Ferguson, B. F.	1.25
Driscoll, J.	15.00	Ferguson, Samuel	39.00
Du Bois, A. W.	10.00	Fidelity Lumber Co.	72.47
Dudley, Elwin C.	20.25	Finkbinder, D. E.	28.00
Dudley, Ernest G.	6.00	Fisher, John D.	243.00
Dudley, Will A.	19.13	Fisher-Glassford Hardware Co.	153.84
Duehren, W. H.	14.50	Fisher Lumber Co.	14.58
Dunbaugh, Jno.	65.00	Fiske, E. W.	8.00
Duncan, Ed.	93.00	Fitting, Louis	31.00
Duncan, Leonard	39.00	Fitzhugh, Clarence L.	40.00
Dunlap, G.	19.12	Fitzpatrick, John J.	35.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Flagstaff Mutual Telephone Co.....	\$38.00	Gottfredson, Don.....	\$15.00
Flake Bros.....	141.77	Goodman, Will.....	57.00
Flathead Paint and Wall Paper Co....	2.50	Gordon-Wright Co. (Limited).....	9.55
Fleming, Clare.....	2.50	Gorham, Wm.....	109.00
Fleming, John.....	18.40	Gottlieb, George.....	27.50
Fleshman, Joseph A.....	45.00	Gondy, Fred.....	110.00
Fleshman, Lee.....	88.50	Gowenlock, John A.....	330.04
Fletcher, F. F.....	125.00	Gracey, William.....	5.00
Fogg & Jacobs Co.....	62.52	Gra len Mercantile Co.....	55.20
Fogiesong, Thomas.....	34.10	Graham, C. C.....	9.00
Fonseca, A.....	10.00	Granite Lumber Co.....	19.35
Foot & Co., J. A.....	7.30	Graves, Mark.....	255.25
Ford, S. A.....	20.00	Gray & Co., George R.....	8.60
Foreman, George W.....	62.00	Gray, O. P.....	3.10
Forristell & Helman.....	95.00	Gray, R. W.....	11.05
Forstmeier, George.....	18.00	Greco, Eloy.....	26.52
Forsyth, Neil.....	77.25	Greenamyre, Harold H.....	12.50
Forsythe, Harriet.....	42.00	Green, Aionzo.....	27.00
Forsyth, Wm. R.....	46.00	Green, James.....	80.62
Foster, Chas. H.....	18.65	Green, James C.....	28.00
Foster, H. T.....	6.00	Greenaw Lumber Co.....	33.47
Foster, W. H.....	84.30	Greenwood, Frank.....	68.50
Fremont Lumber Co.....	7.35	Greenwood, George N.....	11.50
French, John.....	43.00	Greer, Mose.....	32.00
French & Keller.....	7.00	Gregory, Dean A.....	17.50
Frey, E. W.....	33.50	Gress, J. L.....	63.30
Frey, G. H.....	33.50	Gribble, John E.....	30.00
Frey, John.....	12.50	Griffin, Albert.....	138.50
Frost, F. O.....	69.00	Griffin, Harry.....	15.00
Frothinger, J. G.....	10.35	Griffin Hardware Co.....	44.80
Frujillo, Antonio.....	12.50	Griffith, A.....	39.74
Fuentes, Nicolas.....	17.50	Griffith Co., J. M.....	308.04
Fulkerson Lumber Co., W. A.....	40.55	Grigg, Ammon.....	17.50
Fuller Drug Co., The.....	16.00	Grigg, Parley M., sr.....	17.50
Fullmer, Barlow.....	12.50	Groven, Ed.....	9.19
Fullmer, Mark.....	20.50	Gulilbert, L. E.....	15.89
Funderburk, W. H.....	50.00	Gugler, E. J.....	7.00
Gaelkel, Albert.....	81.00	Guer, Christian.....	18.95
Gainer, T. J.....	10.00	Guten'erg & Co., H.....	19.10
Gains, Chas. H.....	13.75	Hass Hardware and Implement Co., Herman.....	250.26
Galbraith, A.....	137.50	Hass, Louis.....	57.50
Gankshelm, S. O.....	204.00	Hach, H. H.....	47.50
Gannon & McLeod.....	20.00	Hackshaw, Wm.....	85.00
Gardner, Sam.....	95.62	Hadley, Ellis F.....	17.00
Gareau, Frank.....	105.00	Hagen, Ole F.....	36.25
Garfield Exchange Mercantile Co.....	17.55	Hagen, Tarten.....	178.50
Garon, Jose D.....	20.00	Hager, J. C.....	182.50
Garren & Strange.....	16.65	Hagerman, H. E.....	18.40
Gaston, D. L.....	82.50	Hagman, Albert.....	16.50
Gaston, W. W.....	82.50	Hagman, J. R.....	47.65
Geer, George M.....	23.25	Hagman, W. B.....	15.00
Gensman, J. P.....	50.40	Hale, G. W.....	6.75
Gerard, Joe.....	44.00	Hall & Co.....	2.08
Gerwein, H.....	142.25	Hall & Sons, George.....	47.95
Gibbel, J. B.....	12.75	Haman Hardware and Implement Co. (Limited).....	24.25
Gibson, Mathews & Young.....	46.33	Hamilton, George.....	52.00
Gilchrist & Dawson.....	42.87	Hamilton, G. H.....	22.00
Gillet, H.....	304.50	Hancock, Thomas.....	16.00
Gillis, J. E.....	30.13	Hane, C. F.....	17.50
Gies, Chas. A.....	12.50	Hanks, T. A.....	10.00
Gill, J. B.....	54.90	Hanni, John, jr.....	11.00
Gillespie, Hugh.....	20.00	Hanni, John, sr.....	17.50
Glumore & Boren.....	31.50	Hanni, Martin.....	9.62
Giron, Claudio.....	4.37	Hanni, William.....	34.37
Giron, Jose D.....	10.00	Hansen, A. N.....	105.75
Giron, Seiso.....	14.87	Hansen, P.....	88.35
Gleed, Henry, jr.....	125.38	Hansen, Rasmus.....	133.88
Glenwood Decorating Co.....	15.00	Hansen, Ray.....	30.13
Glidden, R. L.....	18.40	Hardenburgh, George.....	7.91
Godfrey, W. T.....	19.70	Hardesty, G. W.....	75.00
Goggins, Morris.....	225.50	Hardin, Cal.....	83.00
Gollobier, J.....	23.42	Hardin, John W.....	47.00
Gonzales, Epifanio.....	16.00	Harkness, Daniel D.....	15.00
Goodae, Gus G.....	20.25	Harley, Frank R.....	82.50
Goodell, Lawrence.....	30.00	Harling, J. W.....	32.00
Goodell, L. E.....	23.00		
Goodell, W. R.....	52.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harper & Reynolds Co.....	\$127.45	Horton, Thomas L.....	\$116.25
Harrison, J. W.....	3.75	Hougaard, L. H.....	87.50
Hart, Eugene E.....	39.00	Hower, Lloyd.....	141.25
Hartman, C. W.....	2.40	Howes & King.....	78.98
Hartshorn & Keltner.....	14.15	Hoye, J. A.....	20.00
Hartung-Larson Hardware Co.....	130.09	Hoyt, C. E.....	90.00
Hartwig, Raymond J.....	118.00	Huback, Gurt.....	24.00
Haskins, R. J.....	10.00	Hubbard, George.....	100.00
Hatch & Co., A.....	43.42	Hubbard Bros.....	49.60
Hathaway & Co., W. S.....	10.45	Hubble, M. S.....	40.00
Hawkins, Willard.....	28.75	Huddle, C. I.....	20.00
Hawks, Adam.....	10.00	Hudelson, Johnson & Co.....	114.73
Hay, James.....	20.00	Hughes, J. A.....	52.00
Hayes, Alma.....	47.00	Hughes, Lawrence.....	42.97
Hayes, Horace.....	56.00	Hughes, Pierce.....	61.25
Hayes, Joseph.....	47.00	Hughes, Webster.....	57.50
Hayes, N. N.....	38.50	Hull, B. H.....	9.45
Hayes, Thomas.....	15.50	Hulse, Herbert.....	22.00
Hays, Frank.....	18.75	Hulse, Ray.....	93.00
Hays, Samuel R.....	72.00	Hultene, Swan.....	25.00
Hazeltune, John.....	6.00	Hulton, Heri ert.....	22.50
Hebert, Chas.....	23.00	Humphries, Zack.....	37.50
Heeback, Esa.....	24.00	Hunt, Orval A.....	13.00
Hebert, Wm.....	21.00	Hunt, W. T.....	58.00
Hegarty, Isaac.....	20.25	Hunt & Mottett Co.....	33.40
Hegler, George.....	86.25	Hutchison & Lunsden.....	225.87
Hehe, Frank.....	28.00	Hutton, A. P.....	28.45
Heinzelman, Mathew.....	22.50	Idaho Hardware and Plumbing Co. (Limited).....	162.32
Helfrich, Frank.....	124.00	Idaho White Pine Milling Co., The.....	5.00
Hellenga, Mrs. H.....	4.60	Ilfeld Co., Chas.....	42.14
Heller, Edver.....	52.50	Ingram, J. A.....	78.97
Heller, Marie.....	18.00	Inker Bros.....	5.60
Hemenway, O. E.....	26.50	Jackson, F.....	10.00
Hemprick, Fred.....	74.00	Jackson, F. A.....	192.50
Hemstead & Boyle.....	13.50	Jackson, John.....	16.75
Henderson, James.....	7.50	Jackson, M. B.....	10.00
Henderson, Vesper.....	29.00	Jacob, Thos.....	31.50
Hendren, Jeff.....	172.50	Jacobs, Louis.....	136.18
Hendricks, A. F.....	11.00	Jacoby, Louisa.....	30.00
Hendricks, Joseph.....	183.75	Jacquot, Frank.....	52.50
Henley, R. B.....	25.00	Jacquot, Peter.....	60.00
Hensel, Chas.....	74.75	Jacquot & Son.....	64.20
Hepburn, Edward M.....	47.50	James, H. E.....	72.88
Herbert, Thos.....	48.93	James, R. T.....	22.50
Herrick, Coit E.....	27.00	Janicke, Wm.....	18.50
Herrick, Laurins.....	43.00	Jaramillo, Ramon.....	14.87
Herron, M. E.....	49.00	Jellerson, Lee.....	86.00
Hess, George E.....	20.00	Jenkins, H. B.....	39.00
Hetrick, David F.....	35.00	Jensen, James C.....	62.50
Hicken, Alonzo.....	54.00	Jeter, W. P.....	15.75
Hicks, Victor.....	28.25	Jewett, P. A.....	25.00
Higby, James S.....	10.00	Johanson, J. A.....	16.12
Higby Mercantile Co., The.....	71.88	Johnson, A. F.....	85.35
Higgins, H.....	8.25	Johnson, Edward L.....	26.00
Highway Construction Co.....	1,372.68	Johnson, Ike.....	300.00
Hill, Frank P.....	27.50	Johnston, Frank.....	3.50
Hill, Henry.....	14.00	Johnston, Morgan L.....	37.50
Hill, P. J.....	1.50	Joice, E. P.....	24.75
Hillman, John E.....	21.55	Jones, D. A.....	60.00
Hilskie, Ernest.....	103.00	Jones, David F.....	47.00
Hoehn, Theodore.....	158.00	Jones, George.....	50.00
Hoff, William.....	78.25	Jones, Hyrum.....	49.20
Hoffman, P. J.....	7.80	Jones, Jos. M.....	104.55
Hoke, Louis S.....	33.75	Jones, M. P.....	10.00
Holbrook, Fred.....	23.70	Jones, Norman W.....	7.00
Holden, Oscar.....	61.00	Jones, Rollo.....	49.20
Holdt, Iver M.....	37.70	Jones, R. R.....	8.60
Holloway, L. M.....	14.00	Jones, Theodore E.....	118.75
Hood, Ben.....	56.25	Jones, Virgil A.....	20.00
Hoode, Tom.....	32.50	Jordan, Chester E.....	64.25
Hooten, B. F.....	14.00	Joseph Mercantile Co.....	5.78
Hopfgarten, J. H.....	7.00	Josephson's.....	15.90
Horde, Tom.....	12.50	Kagel, John.....	7.50
Horne, T. C.....	30.50	Kalispell Lumber Co.....	51.56
Horter, Henry.....	23.70	Karamin Lumber Co.....	21.00
Horton, E. E.....	27.50	Keck, A. G.....	8.90
Horton, Lucius D.....	22.50		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Keeler, Alva L.	\$135.48	Lee, R. R.	\$600.00
Kelly, Edward J.	30.00	Leece & Watterson	7.25
Kelly, Patrick H.	150.00	Leech, Lloy C.	49.97
Kelly & Patterson	11.40	Leezer, S. J.	4.50
Kelsoe, Fred.	5.50	Leinhard, Rudolf.	130.00
Kelsoe, Wm.	10.00	Leitch, Allen M.	161.50
Kemble, James.	12.00	Lemley, Tony	20.00
Kendall, L. B.	7.50	Lemp, Joseph.	22.50
Kendall, Walter L.	10.00	Lewis, George W.	15.75
Kenegard, Denver Y.	28.00	Lewis, O. R.	53.12
Kennedy, E. H.	57.32	Ligday, Stephen	13.00
Kennedy, G. B.	28.00	Lightfoot, Baxter.	90.00
Kenny, Thomas J. C.	25.00	Lightfoot, Elmer.	89.00
Kenyon, William E.	50.00	Lindh, H. C.	16.00
Kerlee, W. A.	51.00	Lippincott & Warner.	215.24
Kerr, George D.	115.62	Locke, Robert	8.12
Kessler, H. P.	63.00	Loftus & Girard.	317.00
Kestner, Antone.	63.50	Logan, W. K.	2.50
Kestner, Otto.	10.00	Logue & Bro., F. S.	115.67
Kidder, Al.	136.50	Loomis, N. T.	37.00
Kierman, W. T.	38.79	Looney, B. C.	25.00
Kierstead, Wm. E.	7.50	Lopez, Ed.	1.75
Killea, M. F.	7.50	Lopez, Frank.	1.75
Kimble, D. B.	65.00	Lopez, Joaquin.	1.75
Kimble, H. H.	90.00	Lopez, Jose.	17.50
Kimble, James.	32.00	Lord, John Gordon.	120.00
Kinder, Earl.	37.50	Lost River Commercial Co.	12.96
Kinder, L. W.	18.00	Lotzen, W.	250.00
King & Son, George W.	3.00	Loveridge, Arthur.	107.00
King, Otto.	120.00	Lowell, Meservey Hardware Co.	162.52
King, Robert.	6.00	Lowry & Shaw.	17.15
King, R. L.	278.65	Lozer, Tonie.	47.00
King, W. F.	61.60	Lucas, Lee	75.00
Kinhead, Charles.	32.00	Luce, Alonzo.	2.50
Kinney, George M.	34.50	Lujan, Elisoe.	16.63
Kinsey, O. E.	12.50	Lund, Peter.	13.02
Kirkland, Jesse.	27.50	Lute, Sherman.	95.41
Klamath Telephone and Telegraph Co.	6.17	Lynn, Alma.	26.25
Klein, Peter.	43.70	Lynn, Kinneth.	46.87
Kneiff, Hugo E.	50.00	Lynn, Ross.	26.25
Knoblock, Christ.	43.75	Lynn Lumber Co., Flint.	91.95
Knowlton, Frank H.	22.50	Lyon & Garrett.	19.86
Koch, Gerda Heiberg.	16.50	Lyon Storage and Moving Co.	9.00
Koeffler, Francis.	71.50	McAllister, Amos.	57.50
Koletske, A. H.	52.50	McAllister, J. R.	35.00
Koomanoff, Alex. T.	28.00	McBride, Frank.	25.00
Kooskis Mercantile Co.	570.00	McCall, Claud.	25.00
Krall, Lon.	4.69	McCall, Cyrus F.	39.00
Krebs, J. W.	48.60	McCarthy, M. H.	35.00
Kreigh, Wm.	19.00	McCay, H. B.	15.25
Kremmling, R.	195.15	McClain, Jno. J.	47.50
Krigbaum, Grover.	12.50	McCloud River Lumber Co.	371.05
La Forge, Harry J.	32.00	McCloughan, C. E.	3.50
Lakeview Mercantile Co.	28.15	McConnochie, Robert W.	17.50
Lancaster, Ben.	46.50	McCormick, Harry.	35.00
Lansbery, F. C.	50.50	McCracken, Albert R.	152.50
Lake & Divine.	12.80	McCraney Co., The H. E.	7.70
Lapp Co. (Limited), O. C.	64.84	McCready, C. B.	29.75
Laramie Grocery and Hardware Co.	33.50	McCully Co., The F. D.	82.75
Lares, Juan.	16.25	McDermott & Co., J. P.	9.00
Larsen, John.	4.65	McDonald, Frank E.	145.00
Larsen, Randolph.	8.00	McDonald, John.	170.51
Larson, Hans O.	57.50	McDonald, P.	99.37
Larter, H. L.	3.00	McDougall, Randall.	8.75
Laseter, S. H.	25.00	McElroy, Wm.	42.50
Lauer & Sons, E.	18.90	McFadden, John.	17.25
Lawrence, Osias.	197.50	McFarland, John W.	7.00
Layton, W. H.	40.00	McGarvey, John.	97.87
Leadville Hardware Co., The.	83.90	McGee, John.	29.50
Leary, John J.	10.50	McGhie, Bert.	48.12
Le Blanc, Fred.	22.50	McGillivray, D.	2.50
Lechner, Frank J.	30.00	McGuinness, Henry.	52.44
Lee, A. L.	5.00	McGuinness, Thomas.	5.00
Lee, Chas.	6.50	McHugh, Pat.	24.50
Lee, Chas. C.	55.00	McInelly, Ezra.	92.00
Lee, Elmer.	2.50	McInelly, James L.	52.00
Lee, Martin.	120.00	McKee, John.	5.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
McKennon, J. D.	\$102.08	Montana Electric Co., The.	\$77.50
McKenzie, Dan R.	137.44	Montana, Polinario.	30.00
McKillop, Dan.	30.00	Montgomery, L. B.	107.50
McKnight, John W.	456.00	Montoya, Lorenzo.	13.75
McLain, W. L.	38.00	Moody, Joe.	7.00
McLaughlin, U. G.	13.75	Moore, George.	32.00
McLaughlin Tie and Lumber Co.	63.60	Moore, George V.	12.00
McLendon, Alexander.	152.50	Moore, James.	30.00
McMichael, R. V.	10.27	Moore, J. E.	12.00
McMillan, George.	60.00	Moore, J. M.	16.00
McMillan, Wm.	4.00	Moore, M. S.	7.50
McMunningal, Harry.	44.85	Moore, Tom.	66.00
McNaughton, Wm.	12.50	Morgan, A. H.	49.00
McQuaw, O. J.	42.92	Morgan, J. F.	48.60
McShane Timber Co., J. H.	1.25	Morley, L. F.	411.56
McShane, W. B.	44.13	Morrissey, E. F.	6.00
Mack, Chas. W.	5.00	Morrissey, E. H.	16.50
Mack, James.	80.00	Morrow, W. K.	50.00
Mackey, Bert J.	132.50	Mosimann, L. H.	49.00
MacLewee, S. W.	12.50	Mosteller, Joseph.	2.50
Madera Sugar Pine Co.	208.63	Mow, Ben.	43.50
Madril, Julio.	12.50	Mueller, William.	196.61
Madsen, Nelson.	87.50	Mulkey, W. A.	69.00
Magee, Charles.	8.08	Mundorf Mercantile Co., The.	20.02
Mahaffey, Wm.	223.50	Murphy, M. J.	104.00
Main, R. W.	31.28	Murphy-Maclay Hardware Co.	10.45
Major, Temio.	15.00	Murray, Mrs. Alice.	10.00
Malmberg, John.	38.50	Murray, M. E.	18.00
Manhart, H. J.	11.75	Music, Walter G.	10.00
Mannering, M.	6.00	Nadran, James.	51.75
Marlatt, F. M.	150.00	Nash, F. H.	175.00
Marsh, Tracy C.	20.00	Nation, Ben.	55.00
Marshall, Edwin.	18.00	Neilson's Cash Store.	13.05
Martin Lumber Co.	91.00	Nelson, George.	3.50
Martinez, Bonifacio.	13.75	Nelson, Osea.	5.00
Martinez, Manuel S.	4.00	Neuhaus, T. F.	8.00
Marvel, Edward.	33.00	Neva la Stables.	75.00
Mason, James D.	26.40	Nevers, Edward, Jr.	7.50
Mason, L. H.	33.61	Newcough, George.	35.00
Masterson, T. F.	17.25	Newcomb, Archie.	15.00
Matejka, Adolph R.	147.50	Newell, Charles M.	38.00
Matejka, Rudolph A.	13.80	Newland, Lloyd.	50.00
Matteson, Curtis.	39.00	Newman, George L.	6.00
Matthews, L. L.	169.00	Newport, Leo C.	25.00
Maxwell Bros. Butcher Shop.	8.01	Newton Co., The.	34.52
Mayberry, George T.	23.33	Newton Lumber and Manufacturing Co., The.	55.34
Meadows Mercantile Co.	56.05	Nicholson & Son, James A.	1,192.75
Medaris, Curtis.	26.45	Nicholson Hardware Co.	49.75
Meentzen, Henry.	154.00	Niver, Grant.	5.43
Meier, Martin.	3.75	Nordin, V. C.	50.00
Mello, James.	8.00	Noll, John.	68.00
Melville, George W.	60.05	Northon, John.	45.00
Menzel, August.	4.55	Nottingham, Lee.	31.25
Metz, Felix.	79.50	Oaker, John.	19.25
Michel, I.	44.25	O'Brien, J. J.	19.50
Milbourn, H. F.	7.50	O'Connell, John.	2.25
Miles Co., A. W.	39.00	O'Connor, Tom.	8.75
Miller, A. B.	39.00	Oldland Co., A.	44.15
Miller, Brice.	62.00	O'Leary, J. V.	107.75
Miller, E. J.	7.50	O'Leary, R. S.	56.00
Miller, Grady.	27.00	Olson, Edward.	116.75
Miller, Ira C.	97.55	O'Neil, J.	16.00
Miller, Jess.	60.00	O'Neal, Joseph.	3.30
Miller, Oscar.	57.50	Ontiveros, Ramon.	5.25
Miller, Rufus A.	152.50	Opalka, Frank.	100.94
Miller, W. G.	73.50	Orr, Jeff.	25.00
Missoula Mercantile Co.	345.94	Orr, J. L.	113.62
Mitchell, George S.	147.96	Orr, Lola.	21.37
Mitchell, John.	3.50	Osporn, Curtis.	114.00
Mitchell, Peter.	16.00	Osporn, Lester.	70.25
Mitchell, U. G.	8.50	Osborn, L. C.	144.00
Moeck, Albert F.	135.00	Osborn, Mrs. M. S.	38.00
Molony, Thomas.	6.00	Osorio, Antonio.	3.75
Mondragon, Juan Antonio.	18.00	Osorio, Juan.	17.50
Monroe, Calvin.	107.00	Ott Hardware Co.	21.75
Monroe, T.	53.50	Ovando Mercantile Co.	2.90
Monroe, Thomas.	61.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Owenhouse Hardware Co.....	\$75.31	Prather, A. T.....	\$50.85
Owens, Elbert C.....	15.00	Prather, David.....	17.50
Oxley, E. R.....	11.00	Pratt, Orson W.....	62.50
Pachen, George.....	22.50	Pratt, Philo.....	63.00
Pacific Hardware Co.....	64.35	Preston & Hales.....	19.00
Pacific Telephone and Telegraph Co.....	43.65	Price Hardware Co.....	114.30
Paden, Emerson.....	42.50	Printz, Fred.....	48.00
Padilla, Teodoro.....	13.75	Pronovost, Jos.....	81.85
Paine, C. W.....	12.45	Puget Sound Mill and Timber Co.....	29.50
Palmer, Harry.....	10.50	Purdy, Mrs. A. C.....	52.50
Palmer, N. Z.....	70.50	Purtymun, J. E.....	3.00
Palmer, Walter.....	58.00	Purtymun, S.....	60.00
Parker, F. H.....	22.50	Quarles & Quarles.....	52.50
Parker, Harry.....	16.43	Quick, O.....	3.00
Parker, John R.....	132.50	Quigley, Ed.....	145.00
Parker, John T.....	102.12	Quigley, Elmer E.....	30.00
Parker, Mark.....	15.00	Quigley, W. H.....	175.00
Parker, Seloy C.....	43.00	Quigley, W. W.....	9.00
Parnay, Mardig Y.....	39.00	Ramspeck, O. F.....	18.16
Parry, H. L.....	22.50	Ranch Supply Co.....	6.00
Parsons, Adelbert E.....	82.00	Randle, Matt.....	16.55
Partridge, Frank.....	47.50	Randall, Roy R.....	285.85
Passarelli, Joseph A.....	30.00	Randolph, T. A.....	19.92
Patch & West Sawmill Co.....	14.00	Ranft, Harry.....	51.00
Patterson, Matthew.....	11.00	Ranft, Frank.....	7.00
Patterson, T. O.....	12.75	Ranft, William.....	3.50
Patterson Co., The.....	360.07	Rardin, C. M.....	19.00
Paul, A. E.....	28.50	Ray, Charlie.....	30.00
Paul Leonard.....	27.95	Raymond, Frank.....	12.00
Paulson, Andrew.....	152.50	Red Wolfe, Josiah.....	185.00
Payette Lakes Milling Co.....	10.38	Reboin, Edward, jr.....	185.00
Peabody, John H.....	275.00	Reed, James L.....	121.50
Peachey, E. C.....	18.50	Reed, P. H.....	1.87
Pearce, Joe.....	10.00	Reed Robert.....	47.84
Peasley Transfer Co.....	11.00	Reeder, C. H.....	36.00
Peck, A. L.....	23.00	Reeder & Rush.....	11.25
Peckennah Lumber Co.....	45.00	Reedy, James.....	12.00
Peirce, Thos. H.....	25.00	Reedy, Thomas L.....	60.00
Pend d'Oreille River Navigation Co.....	4.00	Reicker, H. M.....	46.17
Pepper, Charles.....	28.00	Reid Hardware Co.....	10.50
Peober, Samuel T.....	2.00	Reinhard, J. P.....	41.10
Pepper, L. O.....	6.00	Reltz, J. R.....	36.63
Pernasso, B.....	5.25	Republic Meat and Ice Co.....	23.40
Perry, George D.....	28.00	Reynolds, J. II.....	147.18
Peters, P. G.....	162.51	Rhoades, T. W.....	23.75
Peterson, John F.....	32.00	Richards, R. W.....	15.75
Peterson, Lehi.....	10.00	Rice, Hopkins I.....	22.00
Phelan, L. J.....	97.50	Riddle, E. J.....	11.50
Phelps, Bert.....	8.00	Ridenour, Emsley.....	118.75
Pickerell, Leon.....	61.00	Ridenour, J. H.....	14.00
Pierce, Cyrenus.....	72.35	Rider, Eversen.....	21.25
Pierce, E. A.....	50.00	Rider, J. L.....	43.50
Pike, F. A.....	20.00	Riedeant, Burt.....	2.50
Pilkington Bros.....	17.20	Rife, Isaac.....	8.19
Piltz, Carl.....	15.00	Ritter, D. H.....	6.00
Pine, C. T.....	19.50	Robbins, R.....	21.00
Pine Mercantile and Stage Co.....	57.91	Roberts, Edmund F.....	580.00
Ping, Edgar E.....	161.50	Roberts, J. W.....	5.00
Ping, Flossie.....	152.50	Roberts, Lewis.....	12.50
Pinkerton, J. W., jr.....	49.20	Roberts, Walter.....	78.00
Pioneer Mercantile Co. (Limited).....	8.00	Robertson, James M.....	10.00
Pioneer Telephone and Telegraph Co.....	45.35	Robicheau, Joseph.....	33.75
Pitt, C. W.....	44.50	Robran, George F.....	12.50
Place, Dallas.....	10.00	Rocky Mountain Bell Telephone Co.....	191.34
Plant, Charles.....	5.00	Roebling's Sons Co., John A.....	695.57
Plummer, F. M.....	93.80	Rogers, Chester.....	42.00
Poe, C. A.....	15.00	Rogers, T. H.....	5.00
Polari, W. F.....	24.15	Rohel, Phillip.....	71.40
Pope, Robert A.....	56.00	Rohrer, Werner.....	28.50
Porterville Lumber Co.....	4.53	Romero, Francisco.....	13.75
Portin, John.....	64.50	Romero, Juan.....	17.50
Portland Trading Co.....	5.60	Romero, J. C.....	75.00
Poston, Uri L.....	60.00	Roof, W. M.....	33.00
Potter, Andrew.....	66.00	Rose, Walter.....	2.75
Potts, A. J.....	20.00	Rosenbaum, O.....	45.00
Powell, O. C.....	11.00	Ross, Charles.....	20.00
Powers, Lee.....	50.53		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ross, F. P.	\$27.50	Shell-Combs & Co.	\$150.95
Ross, James M.	98.41	Shelton, L.	10.00
Ross, Pitt.	90.00	Shepherd Bros.	20.50
Rothrock, Frank.	107.50	Shields, Earl.	15.00
Roundy, Ross.	6.00	Shields, Linus G.	46.66
Rouse, Charles W.	27.50	Shingle Co., B. B.	17.00
Roussy, John.	8.75	Shirts, John.	66.00
Roybal, Julio.	14.00	Shockley, Clyde.	141.00
Rucker, J. C.	21.00	Shorb, Albert.	82.50
Rudolph & Son.	5.45	Short, J. D.	24.75
Ruelas, Felix.	39.43	Shorthill, John R.	38.00
Rule, Alonza J.	30.25	Shoshone Mountain Mining Co.	50.00
Russell, M. L.	32.00	Shotwell, E. E.	10.65
Russell, Mrs. W. A.	4.00	Show, S. B.	17.00
Rutherford, Harvey.	95.90	Shuck, M. F.	31.00
Ruth, E. A.	23.15	Sibbett, Samuel, Jr.	72.50
Ryan & Co., D. W.	48.35	Simkins, Angus L.	62.50
Sacramento Implement Co.	103.39	Simon, W. A.	42.50
Safford, Oscar.	8.33	Simon, Walter.	112.50
Salas, Teofilo.	38.00	Sindlinger & Niles.	18.49
Salina Sawmill Co.	61.42	Skalet, O. O.	180.87
Salmonse & Batchelder.	6.70	Skomo, Jennie.	12.00
Salstrom, Jonas.	10.00	Slane, Ray.	16.00
Salt Lake Hardware Co., The.	183.79	Slavens, L. F.	10.00
San Bernardino Hardware Co.	35.44	Sliter, E. L.	58.20
Sanborn, Henry L.	53.25	Smead, Brig.	55.00
Sanders, Frank.	40.00	Smedsvig, Anders J.	77.50
Sanderson, W. C.	81.00	Smith, Charles.	15.30
Sandoval, Juan.	6.00	Smith, C. E.	52.50
San Jacinto Hardware Co.	24.35	Smith, Frank.	17.50
San Luis Implement Co.	108.25	Smith, Fred H.	31.50
Santa Fe Hardware and Supply Co.	25.78	Smith, George F.	30.00
Sargent, Elmer.	80.00	Smith, James.	60.00
Sartor, J. W.	10.00	Smith, O. J.	49.75
Sartor, M. H.	8.75	Smith, Russell B.	59.53
Satterlee, George L.	10.00	Smith, R. W.	42.00
Saunders, William.	3.75	Smith, T. B.	115.69
Sawyer, Edward.	30.30	Smith, Warren.	7.00
Say, Arthur P.	24.05	Smith, Wilber J.	45.00
Scadden, Walter.	20.00	Smith Bros. Lumber Co.	169.12
Scanlon, Oliver.	43.88	Smith Co., W. T.	40.00
Schmehl, Walter T.	16.00	Snake River Lumber Co.	49.30
Schmid, George.	15.90	Sneider, John M.	194.50
Schneider, Frank.	76.00	Snell, L. H.	32.00
Schoenfeld, H.	50.00	Snow, Chas., Jr.	9.50
Schofield & Herman Co.	23.50	Sonora Abstract and Trust Co.	10.00
Schrader, Walter H.	135.00	Sonora News Co.	2.95
Schuler-Knox Co.	207.52	Sorensen, Alvin.	48.93
Schumacher, Wm.	28.75	Sorensen, Haneray.	11.87
Schuster, A. & B.	97.88	Sorenson, J.	35.00
Schwab, George L.	7.50	Spanish Fork Cooperative Institution.	15.55
Schwietering, James.	24.50	Southard, Harry.	39.76
Schwietering, Walter D.	84.00	Spanish Ranch Co.	8.00
Schwindt, Hy.	8.50	Spackman, Lester W.	42.62
Scott, N. J.	40.62	Sparkling, Charlie.	77.05
Scott, Wilber F.	51.25	Spencer, John H.	20.00
Scott, William.	55.50	Spencer, R. C.	5.50
Scouten, William.	12.88	Spencer, Wash.	57.50
Scrivner, Bert.	91.00	Spry Flour Co.	63.60
Scrivner, Fred E.	65.00	Stieth, William.	15.30
Scrivner, Minnie M.	93.00	Sprague, A. B.	29.00
Seals, Fred J.	35.00	Spring, Thos.	71.12
Searles, Bert.	12.50	St. Anthony Building and Manufac-	
Sears, Earle M.	132.00	turing Co.	85.68
See, Wilbur.	51.00	Stacy, F. A.	17.30
Seeger, Gus.	45.00	Stack Supply Co.	11.75
Seldomridge Grain Co., The.	5.96	Stagg, J. P.	18.25
Sellers, Frank.	30.00	Stalker, W. W.	5.00
Service, Samuel.	93.32	Standard Lumber Co.	5.00
Sexton-Walther Co., The.	10.80	Stanford, Obed.	30.00
Seymour, Harry A.	32.09	Stansberry, Elmer.	8.00
Shaffer, A. E.	32.50	Stansberry, M.	8.00
Shaffer Hardware and Lumber Co.	25.20	Stansberry, Ollie.	8.00
Shanon Hardware and Implement Co. (Limited).	5.25	Star Grocery.	103.60
Shaw, S. B.	34.00	Starkey, L. J.	12.50
Shea, Mike.	67.95	Statton, W. O.	41.90
		Stephens, H. C.	18.41

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Stephens, John E.	\$117.50	Truax, Chas. S.	\$10.00
Stephenson, G. A.	94.37	Truckee Mercantile Co.	58.25
Stevens, Philip.	5.00	Tubbs, A. B.	54.36
Stevensville Mercantile Co.	8.90	Tucker, William	7.00
Stewart, C. V.	3.75	Tucson Transfer Co.	18.00
Stewart, E. D.	7.00	Tuolumne County Electric Power and	
Stewart, E. L.	5.00	Light Co.	44.69
Steward, George.	2.05	Turecott, Louie	2.50
Stewart, Oliver.	55.00	Turecott, John.	2.50
Stillinger, C. A.	77.14	Turner, Frank.	84.75
Stimmel, E. H.	113.69	Turner, Joe.	12.50
Stinson, J. G.	20.00	Turner, J. M.	48.00
Stockbridge, A. J.	14.00	Turner Lumber Co.	87.52
Stockwell, Azza.	57.50	Underhill & Co.	322.10
Stone, Clifford H.	90.00	Underwood, George.	10.00
Stone, S. L.	8.18	Underwood, Robert N.	2.50
Stott, Joel.	20.25	Unger, William	60.00
Solano, Florencio.	21.38	Union Construction Co.	99.52
Solano, Juan.	17.56	Union Lumber Co.	39.75
Strain Bros.	107.32	Utter, F. B.	48.00
Strait, W. T.	7.50	Vance, H. D.	48.00
Strong, Alford H.	22.49	Vance, James D.	21.00
Stuart, John.	32.00	Van Densen, R. L.	116.00
Stuart, R. B.	12.00	Van Osten, Jas. W.	20.00
Sullivan, Chas. E.	100.00	Varley, G. A.	17.00
Sutton, Roy.	89.75	Vaughn, Henry.	5.25
Swanborg, Sam.	47.50	Vaughn, J. C.	26.25
Swanson, Ben.	18.00	Vaughn, T. J.	26.00
Sweeny, Edward.	38.00	Veraigue, J. A.	4.00
Sweetland, R. W.	135.00	Vermillion, Will.	6.00
Swenning, Olive Carnell.	100.00	Vogel, Herman.	28.00
Sykes, S. K.	39.85	Vonsler, C. C.	88.20
Taft, Elsethagen & Co.	27.20	Wagner Hardware Co., The.	19.60
Talcott, Chester A.	106.50	Waite, Willie.	161.50
Talcott, T. H.	152.50	Walker, H. H.	5.00
Talkington, L.	60.00	Waldbillig, J. J.	254.40
Tanner, Albert H.	5.00	Wall, John P.	34.45
Taylor, Eugene.	38.00	Wallace, M.	28.55
Taylor, J. E.	7.50	Wallace Supply Co. (Limited).	44.80
Taylor, S. M.	15.00	Walling, George E.	130.00
Teeters, Jacob.	28.00	Wallowa Mercantile Co.	2,030.74
Thayer, L. M.	35.00	Walser, D. W.	7.55
Thomas, Bradley M.	22.00	Walsh, P. H.	41.00
Thomas, George.	16.00	Wamlich, M. C.	35.00
Thomas, L. E.	96.00	Wancura Albert.	39.00
Thompson, C. J.	13.75	Ward, P. F.	122.00
Thompson, Harvey.	32.00	Warden, A. T.	17.50
Thompson, John H.	217.50	Waterman, Henry.	8.75
Thompson, J. Hamer.	48.00	Waters, Henry.	14.00
Thompson, Ross L.	6.00	Watkins, George R.	49.10
Thompson, R. W.	50.00	Watkins, Ray.	57.50
Thompson, T.	325.00	Watrous, Henry A.	27.81
Thompson, Walter.	73.50	Watson, Martin.	37.50
Thornon & Sons, A. K.	6.55	Watson, T. W.	1.75
Thorpe, Charles L.	33.10	Watson & Co., C. R.	61.60
Tiffany, Earl E.	37.50	Webb, Martin.	41.25
Tiffany, F. E.	35.65	Weeber Lumber Co.	17.50
Tippet, Guy.	6.90	Welch & Titsworth.	64.32
Tippet, Thomas S.	185.75	Wellock, Arthur E.	33.75
Tippet, W. P.	95.00	Wellman, Chas.	10.00
Titus, D. C.	107.37	Wells, George.	40.00
Toepel, Chas.	77.50	Wells, O. J.	20.00
Toeters, Jacob.	78.20	Wellsville Corporation.	7.80
Tompkins, Charles.	75.00	Welty, F. A.	5.35
Tompkins Bros. Hardware Co.	42.52	Wernli-Boardman Co.	16.95
Tompkins & Co.	5.40	West, Miles.	25.50
Tona, Higinio.	22.25	Western Montana Flouring Co.	417.08
Tona, Pedro.	37.25	Wetzsteen, Chas. H.	70.00
Town, George H.	3.75	Wetzsteen, Henry.	17.50
Townner, Chell.	5.80	Westlife Hardware Co.	3.50
Townsend, N. L.	46.00	Westfall, Johnny, Co.	31.50
Trenary, George W.	27.00	Westfall, John J.	72.00
Trent, J. C.	62.50	Westfall, Waine E.	65.00
Trimble, H.	40.00	Western Electric Co.	12.60
Trinity Farm and Cattle Co.	45.13	Wetzstein, Henry.	10.00
Tripp, W. C.	9.65	Wheatley, Cecil H.	.75
	21.00	Wheeler, W. J.	25.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Wheeler & Ridenour.....	\$20.00	Apple, G. W.....	\$45.90
Whetsler, Wm.....	16.25	Babbitt Bros.....	12.00
Whipple, W. R.....	46.30	Bohart, R. F.....	27.85
White, Army.....	58.00	Brennan Bros.....	13.40
White, Carmie.....	10.00	Campbell, W. M.....	20.00
White, Chick.....	66.00	Chidester, A. J.....	15.00
White, C. K.....	18.00	Chuning, R. L.....	18.00
White, E. J.....	7.00	Day, C. M.....	17.00
White, F. T.....	22.00	Ellis-Forde Co.....	16.50
White, Martin.....	197.50	Fisher-Glassford Hardware Co.....	41.00
White House.....	14.60	Flake Bros.....	26.10
White & Bender.....	69.84	Gilliam V. Bisbee.....	11.15
Whitebird Mercantile Co.....	4.25	Hane, C. F.....	12.00
Whited, D. A.....	30.40	Hudelson, Johnson & Co.....	15.00
Whiting, L. S.....	110.00	Lee, R. R.....	25.00
Whitney, A. W.....	12.87	Lovee & Son.....	5.50
Whittier, Howard.....	64.50	McCaïn, A. C.....	30.00
Wilcox, A. L.....	50.00	McIntosh, James.....	18.00
Wilcox, George.....	32.62	Mason, L. H.....	12.50
Wilde, Albert.....	22.00	Nelson, L. A.....	15.00
Wilder, Jesse.....	53.48	Sanpete Cooperative Co.....	20.00
Wiley, Allen.....	5.00	Schofield & Herman Co.....	5.00
Wiley, Sanford.....	7.00	Skalet, O. O.....	15.00
Wikison, John.....	51.00	Smith & Co., D.....	13.69
Will, Wm. F.....	85.00	Snodgrass, Perry L.....	12.90
Willard, C. L., sr.....	27.00	Sorensen, S. C.....	20.00
Willes, Donald.....	58.75	Southard, Harry.....	32.40
Williams, Bert P.....	54.00	Stagg, J. P.....	8.00
Williams, Charlie.....	96.00	Stimmel, E. H.....	18.00
Williams, D. H.....	164.38	Thompson, C. J.....	27.40
Williams, Earn.....	60.00	Tompkins Hardware Co., H. H.....	19.70
Williams, Frank.....	364.50	Van Valin, S. J.....	4.00
Williams, Henry E.....	61.25	Wallowa Mercantile Co.....	17.50
Williams, N. F.....	333.01	Walter, D. E.....	38.95
Williams, Robert L.....	65.00	Wilkinson, Harry.....	10.00
Williams, W. H.....	120.00	Yawman & Erbe Manufacturing Co.....	4,102.50
Williamson, H. C.....	10.00		
Wills, Jack.....	137.14	Total.....	4,821.94
Willsie, J. W.....	46.00		
Wilson, A. W.....	6.00	<i>Fuel.</i>	
Wilson, Henry.....	105.00	Bozeman Ice Co.....	25.77
Wilson, J. W. E.....	16.00	Campbell, J. B.....	35.00
Wilson, Ralph G.....	12.50	Coffinberry, Egbert.....	1.25
Wind River Lumber Co.....	27.00	Cramer Bros.....	1.30
Wise, John S.....	50.40	Garton, Elmer H.....	32.00
Wise, Roy L.....	30.00	Haas Hardware and Implement Co., Herman.....	2.65
Wise, Virgil.....	28.00	Hemphill, Gurdon.....	7.50
Wishart, Fred.....	157.50	McCready, C. B.....	4.00
Wixom, Walter C.....	59.25	Moulton & Swail.....	40.00
Woody, G. H.....	42.50	Sanders, A. J.....	5.25
Wooldridge, George L.....	141.90	Stimmel, E. H.....	5.75
Woolsey, Chas. E.....	108.50	Total.....	160.47
Woolsey, Riley.....	39.50		
Woolseenhulme, John.....	20.00	<i>Freight.</i>	
Worrell, George.....	13.55	Barnes & Son, G. S.....	.50
Wray & Son, J. M.....	79.94	Cantwell, W. F.....	4.59
Wrensted, Carl T.....	33.00	Elgin Forwarding Co.....	13.10
Wright, Edward.....	75.50	Eureka Lumber Co.....	1.30
Wright, Gilbert.....	15.00	Hoffmann, P. J.....	1.30
Wright John C.....	24.30	Kalispell Lumber Co.....	5.49
Wright, P. J.....	60.00	Krakauer, Zork & Maye.....	1.05
Wright, W. A.....	40.00	Lake Tahoe Railway and Transporta- tion Co.....	24.25
Wycoff, A. E.....	20.00	Newton Lumber and Manufacturing Co.....	3.60
Wycoff, C. A.....	21.00	Total.....	55.18
Wylie, J. E.....	15.00		
Wyman, Fred K.....	100.00	<i>Express.</i>	
Wynn, D. H.....	36.00	Missoula Mercantile Co.....	1.50
Yancey, W. S.....	21.37		
Yates, Benton.....	8.00	<i>Telegraph.</i>	
Yeargin, R. E.....	29.00	Mitchell Bros.....	12.45
York, George W.....	4.50		
Young, W. A.....	55.00		
Younger, Chas. E.....	46.00		
Zimmer, Charles.....	20.00		
Zumwalt, J. W.....	14.00		
Total.....	88,347.97		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.

Name.	Amount.	Name.	Amount.
<i>Telephone.</i>		<i>Travel and station and field expenses—Continued.</i>	
Barinckel, B., Manager Sunset Telephone Co.....	\$1.50	Dorman, John W.....	\$7.50
Colorado Telephone Co.....	18.10	Douglass, Stephen H.....	298.91
First National Bank, Alamogordo, N. Mex.....	3.00	Dwire, Carroll R.....	13.90
Independent Long Distance Telephone Co.....	3.90	Edson, Gordon.....	152.09
Mitchell Bros.....	12.24	Elliott, M. B.....	105.13
Pacific Telephone and Telegraph Co.....	19.15	Ellis, S. L. N.....	92.70
Rocky Mountain Bell Telephone Co.....	268.05	Farley, George.....	50.17
Santa Fe Electric Telephone Co.....	9.00	Fenn, Homer E.....	92.30
Utah Independent Telephone Co.....	20.05	Fitton, David E.....	18.80
Total.....	354.99	Fromme, R. L.....	13.95
<i>Gas and electricity.</i>		Gardner, Percy.....	36.30
Conrad National Bank of Kalispell.....	1.25	Goddard, William H.....	17.80
Quarles & Quarles.....	1.50	Grandjean, Emile.....	143.57
Total.....	2.75	Granger, C. M.....	18.20
<i>Apparatus, instruments, and laboratory material.</i>		Greeley, W. B.....	92.60
Clements, Frederick E.....	30.90	Hadley, F. H.....	22.10
<i>Travel and station and field expenses.</i>		Haines, Fremont N.....	74.65
Allen, Grenville F.....	71.80	Hall, Chas. C.....	189.60
Anderson, David.....	46.65	Hall, Harry C.....	14.00
Anderson, Milton J.....	38.15	Hall, W. N.....	44.40
Armstrong, Charles W.....	35.90	Hammatt, R. F.....	6.90
Balthis, Russell F.....	34.51	Hanson, Fred.....	207.84
Barnard, John.....	12.50	Harris, Harvey W.....	24.30
Barnett, David.....	75.55	Harris, Hugh H.....	133.27
Barney, George H.....	295.21	Harris, Selden F.....	72.47
Barrett, Louis A.....	549.75	Beighe, F. C., jr.....	7.50
Bartrum, S. C.....	145.05	Herring, A. L.....	24.65
Bassett, C. C.....	35.89	Herring, W. E.....	326.75
Bell, J. R.....	589.15	Higgins, Chas. G. Y.....	125.65
Bentz, George G.....	48.55	Hinderer, Chas. H.....	195.20
Berky, Edgar C.....	6.55	Hogan, Thomas.....	45.71
Berry, C. H.....	23.10	Hogue, A. H.....	124.91
Berry, Swift.....	19.35	Hoyt, Timothy C.....	61.80
Bigelow, Richard L. P.....	80.60	Hughel, Nils.....	17.80
Blair, Frank A.....	103.05	Hurst, William.....	108.90
Blair, James A.....	93.96	Ingram, Guy M.....	170.53
Blake, F. G.....	10.00	Ireland, A. S.....	135.75
Bletcher, W. B.....	15.25	Ireland, Henry.....	430.46
Bliler, Harry A.....	30.15	Jackson, W. E.....	22.50
Booth, John R.....	26.60	Jardine, James T.....	17.95
Bradish, W. N.....	51.00	Jensen, Adolph W.....	65.25
Breen, F. S.....	184.19	Jewell, James E.....	139.10
Bridges, John H.....	8.50	Kerr, John.....	72.34
Britten, E.....	15.90	Kinney, David G.....	34.25
Brown, William.....	25.15	Kinney, James H.....	92.00
Bunker, Page S.....	55.40	Koch, Elers.....	205.93
Butler, O. M.....	3.25	Kreutzer, William R.....	33.08
Cater, F. W.....	25.50	Kummel, Julius F.....	138.53
Charlton, R. H.....	652.19	Lafferty, J. B.....	335.21
Chidsey, Thomas E.....	33.45	Le Grand, Nelson L.....	12.50
Clark, John H.....	119.43	Leslie, E. E.....	196.34
Clark, Willard W.....	60.65	Lesse, James P.....	12.75
Clarke, Edwin H.....	37.40	Lovelace, Byron O.....	19.55
Clifford, Edward C.....	87.85	McCain, Arthur C.....	38.49
Cohon, Anson E.....	39.95	McClure, R. C.....	262.77
Coleman, George A.....	124.97	McConnell, B. F.....	13.35
Coleman, Gilbert B.....	10.75	McEwan, Sherwood S.....	4.40
Conkling, D. T.....	35.05	McGlone, Charles T.....	330.70
Cooley, Charles F.....	25.30	McKenzie, Ray.....	20.70
Crawford, Carl G.....	163.75	McLaren, John.....	194.06
Cryder, W. W., jr.....	60.00	McMillan, Ross.....	34.50
Darling, Elbert H.....	153.80	Macduff, Nelson F.....	6.75
Daug, William H.....	31.99	Mainwaring, E. S.....	49.80
Donery, Joseph A.....	57.04	Mains, Guy B.....	68.38
		Marshall, G. E.....	263.58
		Martin, Drayton C.....	44.04
		Mast, Wm. H.....	150.00
		Mattoon, W. R.....	153.63
		Mesnard, R. E.....	31.03
		Milham, George W.....	144.74
		Miller, Robert E.....	14.40
		Morrill, Walter J.....	43.55
		Murdock, John, jr.....	6.00
		Myers, L. S.....	23.25
		Nelson, Jesse W.....	311.01
		Nespalit, Wm. C.....	280.10

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Administration, etc., National Forests, 1907 and 1908, \$118,786.79"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
O'Brien, Howard K.....	\$51.50	Snell, Nathan E.....	\$20.90
Pack, Daniel S.....	1.50	Snow, Orrin C.....	40.10
Pack, W. I.....	128.48	Spencer, Frank C.....	56.18
Parnay, Serope Y.....	96.05	Stahl, C. J.....	22.33
Patterson, Charles F.....	4.65	Steele, Foster.....	6.65
Patton, James W.....	13.65	Stewart, Thos. R.....	24.50
Pearson, Gustaf A.....	78.80	Stretch, R. A.....	19.85
Phillips, Bert G.....	21.75	Stroup, Andrew L.....	360.93
Piskorski, Joseph.....	25.95	Stuart, R. W.....	24.90
Pooler, Frank C. W.....	47.63	Swift, Theodore.....	32.65
Rachford, C. E.....	41.12	Thain, James G.....	91.30
Ramskill, Jerome H.....	52.60	Thompson, Louis E.....	7.50
Ratliff, J. H.....	8.05	Thurston, Harry W.....	148.80
Reed, W. H.....	158.13	Tibbets, Sewell.....	59.30
Reynolds, Thomas N.....	11.50	Tidestrom, Ivar.....	54.34
Rider, W. B.....	47.09	Todd, Ira E.....	21.15
Rogers, David N.....	14.60	Torstenon, Nels O.....	75.40
Russell, E. C.....	60.15	Tully, E. F.....	31.40
Rutledge, R. H.....	31.70	Tyler, Raymond.....	11.50
Sampson, Arthur W.....	22.59	Viles, H. C.....	12.20
Schmitz, J. M.....	429.54	Wales, F. C.....	37.10
Schoonover, Charles E.....	2.50	Wedemeyer, Jno. T.....	88.40
Scott, Chas. A.....	263.93	West, John C.....	8.25
Searcy, Elmore W.....	120.03	Wheeler, Herbert N.....	162.70
Seely, J. B.....	8.45	Whitney, C. N.....	17.95
Seitz, Clyde R.....	84.65	Whitney, F. D.....	93.50
Selkirk, R. J.....	61.36	Williams, Eugene.....	28.45
Shartzler, L. A.....	18.50	Willson, Roscoe G.....	40.87
Shaw, Ernest W.....	43.93	Wilson, R. B.....	197.75
Sheller, D. B.....	249.05	Woodruff, Mark G.....	321.00
Shinn, Charles H.....	384.53	Woods, Clarence N.....	68.55
Shockley, Hepler R.....	84.11	Wrensted, Peter T.....	173.94
Silcox, F. A.....	158.01	Wyman, C. K.....	48.25
Slosson, Willis M.....	173.67		
Smith, John F.....	38.80		
		Total.....	17,534.91

Total amount of appropriation..... \$118,786.79

Total expenditures under above groups..... 118,504.66

Unexpended balance..... 282.13

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Administration, etc., National Forests, 1908, \$375,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Herring, W. E.	Chief of engineering, at \$2,400	\$400.00	
Wales, Fred C.	Constructing engineer, at \$1,800	360.00	\$370.05
Nespiat, W. C. F.	do	300.00	
Mesnard, Ralph E.	do	300.00	197.30
Mitchelson, A. T.	do	375.00	48.53
Martin, Joseph P.	do	300.00	208.15
Kramer, Edwin W.	do	300.00	209.86
Cater, Fred W.	Constructing engineer, at \$1,500	250.00	180.00
Jones, E. H.	Constructing civil engineer, at \$1,500	250.00	138.03
Hughel, Nile	Constructing civil engineer, at \$1,400	250.00	96.05
Herring, A. L.	Civil engineer, at \$1,600	266.67	218.30
Harrison, Edward R.	Civil engineer, at \$1,200	200.00	218.95
Work, Joseph Y.	Assistant engineer, at \$1,800	300.00	132.18
Jardine, James T.	Special agent, at \$1,800	300.00	79.25
Hall, Wm. N.	Surveyor and draftsman, at \$1,600	93.33	85.70
Tidestrom, Ivar	Scientific assistant, at \$1,500	250.00	
Day, T. L.	Telephone expert, at \$1,500	250.00	147.67
Leslie, Edwin E.	Telephone lineman and repairman, at \$65 per month.	130.00	155.82
Sampson, Arthur W.	Expert plant ecology, at \$1,200	200.00	80.20
Pearson, Gustaf A.	Forest assistant, at \$1,000	166.67	76.55
Iverson, Andrew C.	Assistant forest ranger, at \$1,000	50.00	4.60
Edson, Gordon	Forest guard, at \$900	7.50	13.92
Total		5,239.17	
<i>Out of Washington.</i>			
Joy, F. E.	Constructing civil engineer, at \$1,600	266.67	
Darling, E. H.	Forest expert, at \$1,500	250.00	241.50
Clabby, Robert E.	Forest guard, at \$900	17.50	
Total		534.17	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Administration, etc., National Forests, 1908, \$375,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Barinckle, A.	\$3.10	Adair, Ira	\$113.75
Bee Publishing Co.	3.00	Adair, John A.	8.75
Illfeld, Chas. Co.	1.20	Adams, A. M.	11.67
Kendrick Book and Stationery Co.	7.00	Adams, Andrew P.	12.00
Lester, Jas. R., & Co.	6.70	Adams, Bert.	69.00
Swayze, W. L.	299.10	Adams, Elmer H.	110.50
Yawman & Erbe Manufacturing Co.	625.00	Adams, G. E.	90.50
Total	945.10	Adams, Hallie.	100.62
<i>Miscellaneous supplies, etc.</i>		Adams, H. E.	10.00
Abbott, Clyde A.	12.00	Adams, J. D., & Son	43.59
Abbott, Carl L.	27.00	Adams, John Q.	3.00
Abbott, D. A.	3.00	Adamson, Mrs. J. N.	30.00
Abbott, R. B.	15.00	Adamson, Seth	7.50
Abonsleman, Moses	87.59	Adkins, J. M.	75.50
Abram & Karsky Co.	2.40	Aiken, S. S.	32.01
Abreu, Marcelino	4.00	Ainger, F. E.	6.30
Accord, Henry	52.00	Albright, G. L.	32.50
Achenback, J. H.	3.78	Aldrich, S. W.	200.00
Achibal, Balbino	10.00	Alexander, Chas.	47.50
Ackerman & Bremer	45.50	Alexander, R. B.	8.40
Acord, John	24.00	Alexander Hardware and Lumber Co.	107.00
		Alford, Edd.	14.00
		Aliff, Van	32.00
		Allen, A. W.	14.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Allen, Charley.....	\$86.00	Arizona Cooperative Mercantile Insti- tute.....	\$12.35
Allen, E. L.....	46.00	Arizona Copper Co.....	3.10
Allen, Herbert.....	10.50	Arizona Lumber and Timber Co.....	289.32
Allen, Herbert L.....	12.50	Armistead & Edclman.....	66.68
Allen, H. S.....	3.40	Armour, James.....	12.08
Allen, James A.....	413.69	Arms, Orvis.....	21.38
Allen, Jos.....	60.00	Arnet, C. A.....	15.10
Allen, Lewis.....	78.00	Arnold, B. S.....	123.00
Allen, W. B.....	28.00	Arnold, R. F.....	8.75
Allibaugh, Wm.....	1.25	Arrow Transfer Co.....	7.50
Allison, W. C.....	12.25	Arrowhead Reservoir and Power Co.....	1.50
Allison, Wm., jr.....	195.00	Arthur, C. D.....	6.00
Allred, Claud.....	133.00	Arthur, S. A.....	10.50
Allred, Oscar.....	113.73	Arthur, S. B.....	17.50
Alston, Benjamin.....	16.00	Arwich, George.....	55.00
Alvarez, Rayes.....	10.00	Ash, William.....	22.50
Alvoid, Hartley D.....	77.63	Ashader, Mat.....	8.25
Alvey, Thomas H.....	78.00	Ashby, George.....	31.00
Alvies, Robert L.....	37.50	Ash Creek Lumber Co.....	182.91
Amador, A.....	23.90	Ashley & Co.....	28.05
Amann, Joseph.....	6.55	Ashley & Gorrie.....	201.20
Amble, Nels.....	150.00	Ashman, Frank.....	84.00
American Electric Telephone Co.....	19.32	Atkin, William.....	60.13
American Hardware Co.....	116.17	Atlanta Supply Co. (Limited).....	226.75
American Steel and Wire Co.....	21,076.56	Atterbury & Gilmore.....	233.94
Ames, H. B.....	29.40	Atwater, Chas.....	34.00
Ames, John C.....	56.70	Austin, Charles.....	5.00
Ames, R. A.....	12.50	Austin, Fred.....	54.00
Amos, W. R.....	76.00	Austin Commercial Co.....	166.98
Anaconda Copper Mining Co.....	200.85	Aver, C. W.....	51.22
Anaconda Copper Mining Co., lumber department.....	27.57	Averett, George E.....	30.00
Anderson, A.....	70.00	Averett, J. F.....	75.00
Anderson, Andrew.....	17.50	Averett, Joseph.....	40.45
Anderson, Axel.....	35.00	Averill, Wallace S.....	56.25
Anderson, A. G.....	24.75	Avila, J.....	102.00
Anderson, A. J.....	31.26	Awl, Elmer.....	51.75
Anderson, A. P.....	62.00	Ayers, George V., & Co.....	18.00
Anderson, Carl.....	70.00	Ayers, Harry L.....	45.00
Anderson, Chas. W.....	25.00	Babbitt Bros. & Co.....	35.10
Anderson, David, jr.....	16.00	Babbitt Bros.....	448.61
Anderson, F. D.....	14.00	Babbitt Bros. Mercantile Co.....	68.80
Anderson, Gilbert W.....	15.00	Bacgott, Charles.....	60.00
Anderson, J. W.....	628.75	Bailey, John A.....	90.72
Anderson, John.....	18.00	Bailey, L.....	60.00
Anderson, Joseph F.....	38.00	Bailey, M. J.....	467.03
Anderson, Louis.....	85.50	Bailey & Massingill.....	202.35
Anderson, Peter.....	147.50	Bailey, Wm.....	78.50
Anderson, R. O.....	30.00	Baird, Loranzo.....	37.50
Anderson, Raymond.....	13.50	Baird & Son.....	17.15
Anderson, Robert W.....	100.00	Baker, C. O.....	26.00
Anderson, William.....	15.00	Baker, Edd.....	98.00
Anderson, Wm. H.....	350.00	Baker, F. E.....	12.50
Anderson & Co.....	4.85	Baker, Ira A.....	27.50
Anderson & Long.....	23.40	Baker, W. C.....	69.00
Anderson Lumber and Hardware Co.....	40.14	Baker, Willis.....	81.00
Anderton, N. J.....	26.25	Bakersfield Hardware Co.....	73.42
Andeway, Leonard.....	6.15	Balbi & Watt.....	95.89
Andress, J. Fred.....	93.04	Bald, Mrs. G. A.....	25.50
Andrew, M.....	41.00	Baldwin, Harlow M.....	216.87
Andrews, Fred W.....	43.75	Bales, James.....	37.43
Andrews, Leonard.....	20.00	Baldrige, William.....	67.50
Andrews, Orson.....	7.00	Balfour, W. G.....	52.00
Andries, Paul.....	53.00	Balkely, F. S.....	33.00
Anthony, J. W.....	30.00	Ball, F. L.....	12.00
Anthony, Maurice.....	12.50	Ballantyne Mercantile Co.....	13.50
Anthony, Wallace.....	12.50	Ballard, Elmer E.....	25.00
Appar, H. D.....	4.40	Ballard, S. T.....	240.42
Archer, J.....	15.00	Ballard, Wm. P.....	136.00
Archer, Ovie.....	71.25	Ballon, O. P.....	10.00
Archibald, E.....	58.75	Banta, L. A.....	135.50
Archibald Implement Co.....	120.00	Banus, Manto.....	13.38
Archuleta, Leandro.....	3.63	Barber, Homer J.....	52.00
Archuleta, Placido.....	18.00	Bard, T. R.....	12.00
Archuleta, Salomon.....	3.63	Barker, Dell.....	7.50
Arduser, McLeod & Co.....	22.00	Barker, Perry.....	33.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Barnes, G. R.	\$15.00	Bently, William	\$81.50
Barnes, W.	7.50	Benton, Oscar	63.00
Barnett, Charles	5.00	Benton, Thomas	21.25
Barnett, George	19.00	Bercaw, E. H.	3.45
Barnett, Joseph	16.00	Berg, Frank	20.00
Barnett, M.	22.50	Berg, F. O.	82.00
Barney, Chris	51.25	Berger-Bean Hardware Co.	64.10
Barnum, W. S.	31.56	Bergleen, John	127.50
Barratt, Bert	28.75	Bergman, Walter	47.00
Barrett, Arthur C.	105.00	Bernard, T. E.	12.00
Barrett Hicks Co.	96.29	Bernalillo Mercantile Co.	93.10
Barron, James	27.00	Berntson, Alfred	52.00
Barrows & Son, F. P.	203.93	Berray, James J.	67.83
Barry, A. F.	27.00	Berry, Charley H., jr.	52.00
Barry, Tim	64.79	Berry, C. H.	16.00
Bartell, E. C.	9.00	Berry, Marcus	42.00
Barton, James	10.00	Berry, Walter S.	28.00
Bartness, Carl	119.50	Beskow, George	30.00
Basche Sage Hardware Co.	38.40	Bess, Andrew J.	31.25
Bashford-Burmister Co.	35.78	Bess, G. C.	38.25
Basin Hardware and Mercantile Co.	25.10	Bessecker, Ray	13.00
Basin Lumber Co.	37.35	Bettandorff, Charles	22.50
Baskier, J. H.	41.50	Bettandorff, George	109.37
Bassett Lumber Co.	151.24	Bettandorff, N.	71.50
Bassett, Thomas N.	89.00	Bice, Fred E.	74.75
Batchen, J. P.	2.50	Bickel, George L.	22.15
Bates, C. W.	23.75	Bieber & Huber	14.00
Bates, Harry	6.50	Bielby, Walter M.	119.50
Bates, H. C.	23.30	Bierer, William	45.50
Bateson, Arthur	38.75	Big Blackfoot Milling Co.	54.31
Baton, William	21.00	Bigelow, C. O.	120.38
Batson, J. E.	120.00	Biggs Investment Co. (Incorporated)	5.00
Bauer Mercantile Co., George	285.58	Bignell, Henry	7.20
Bausche, C. C., Hardware Co.	25.55	Billings, Henry E.	100.00
Bayer, Frank	81.12	Billings, T.	38.75
Bayer, William J.	20.00	Bingham, J. H.	26.25
Baxter, F. W.	111.25	Bingham, L.	42.00
Beach, W. H.	64.50	Binkerd, G. L.	34.00
Beach & Wellman	47.50	Binta, C.	46.40
Beaman & Co., Fred	155.82	Bird, David	59.50
Bean & Co., A. B.	130.40	Bird, Henry	15.37
Beardmore, Chas. W.	108.76	Bird, Joseph	30.00
Beardshear, George	45.50	Bird, Roy	63.87
Beatty, C. W.	10.35	Birdno, Chas. N.	132.00
Beatty, Jas. A.	159.15	Birrer, Frank P.	326.50
Becker, Gustav	403.85	Birch, George	56.95
Becker, W. E.	122.50	Bishop, Jasper N.	50.00
Becker-Blackwell Co.	154.72	Bisping, Henry	25.83
Becker-Mactavish Co.	2.00	Blabon, E. R.	35.00
Beckstead, Frank	15.60	Black, A. J.	3.00
Bee Hive Co. (Incorporated), The	15.54	Black, Wm.	50.00
Beecher, George	31.50	Blackman, William	6.00
Beeson, W. E.	31.25	Blackstock, Lee	42.50
Beeson, Wm.	6.00	Blackwell, Mrs. Agnes	12.00
Behuke, H. A.	7.00	Blackwell, Wm.	8.50
Beezley, B. A.	1,130.55	Blair, C. S.	8.00
Beigh, A. L.	34.00	Blair, O. E.	12.00
Bell, Peter	63.00	Blake, Edgar A.	43.50
Bell Co., J. W.	3.80	Blake, F. G.	44.48
Bellefleur, Will	50.00	Blakely, H. A.	26.25
Bellin, C. F.	12.76	Blakeslee, W. W.	11.00
Beltz, Leo J.	50.00	Blanc, Fred L.	55.00
Benites, C.	4.80	Blankenship, Harry C.	201.37
Benedict, Fred M.	19.20	Blankenship, B. J.	4.32
Benedict, Miller S.	190.00	Blankenship, E. O.	26.00
Benitez, Fernandez	10.00	Blankenship, H. C.	56.25
Benjamin, Wilson	32.00	Blei, Fritz	7.00
Benner & Co., H. L.	20.70	Bletcher, H. G.	21.90
Bennett, James K.	5.25	Blinman Co., The Fred	245.35
Bennett, James M.	228.00	Blinn Lumber Co., L. W.	62.47
Bennett, William	111.85	Bliss Hardware Co., H.	20.00
Bennett & Stephens	176.55	Block, J. B.	8.50
Benson, John W.	57.50	Block-Miller Lumber Co.	653.59
Benson, Thos.	32.50	Blore, S. S.	33.75
Benson, Walter	48.00	Blose, Joe	28.00
Benson Lumber Co.	41.96	Blow, W. C.	132.75
Bentley, Cleve	76.50	Blumberg, Mrs. R. A.	17.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Blyth-Fargo-Hoskins Co.	\$34.45	Brown, Mrs. J. E.	\$32.00
Bocker, H. E.	9.00	Brown, John F.	311.93
Bockover, J. L.	52.50	Brown, J. R.	157.50
Bockman, Ferd.	35.00	Brown, L. E.	112.50
Boddy, A.	4.50	Brown, N. D.	42.15
Boeseke-Dawe Co.	3.00	Brown, R. B.	28.75
Bogue, M. C.	45.00	Brown, Sam.	113.75
Bohnenkamp Co., W. H.	49.35	Brown, Will.	24.00
Boise Book and Music Co.	5.10	Brown, W. J.	27.87
Boise Valley Construction Co.	6.25	Brown, W. W.	4.80
Boisman, Harry.	5.25	Brown Co., The A.	317.24
Boles, S. E.	5.75	Brown Trading Co., H. C.	21.61
Bolt, Joe.	38.75	Brown & Sons, George.	139.95
Bolt, Joseph.	5.00	Brownwell Bros. Co. (Limited)	25.20
Bonar, J. W.	10.17	Braner, Asa.	5.00
Bond & Nohl Co.	8.45	Bryan, A. W.	4.35
Bonham, Mrs. Joseph.	300.00	Bryon, R. L.	43.00
Bonneau, T.	51.00	Buchanan, Clyde.	24.00
Bonner Lumber Co.	382.03	Buchanan, Jas.	19.50
Bonner, A. M.	290.00	Bucher, Edward V.	13.00
Booth, J. W.	101.00	Buck Mercantile Co., Amos.	16.85
Booth, R. W.	107.50	Buckhouse, J. D.	25.50
Booth, Delbert W.	16.25	Buckley, Arthur F.	54.87
Borden, Everett.	7.50	Buckley, George H.	17.50
Borrows, David R.	25.25	Buckley, John.	51.85
Boss, Joseph A.	87.50	Buckner, Joel I.	12.50
Bottenfield, S. G.	123.00	Buell, F. O.	5.25
Boucher, Wilfred.	50.00	Buell, John L.	12.80
Boulware, Robert H.	38.67	Buell, W. M.	9.75
Bowen, C. H.	51.50	Buffalo Hardware Co.	31.45
Bowen, G. W.	35.00	Buffalo Lumber Co.	94.57
Bowen, R. E.	20.00	Buffington, David S.	132.50
Bower, L.	10.00	Buford Mercantile Co.	25.95
Bowman, Wm. A.	184.52	Bullock, Herbert S.	187.50
Bowman & Co.	150.74	Bunch, O. O.	36.25
Boyd, D. A.	125.00	Bundy, Elmer.	24.00
Boyer, Robert.	13.75	Bundy, Elmer.	41.00
Boyes, W. B.	6.40	Bundy, Lloyd.	41.00
Boyle, A.	3.75	Bundy, O. O.	17.00
Boylan, Lyra G.	23.63	Bundy, R. I.	17.00
Bozeman City Waterworks.	11.00	Bunnett, Frank.	4.00
Brackett, James.	31.00	Burbach & Bristow.	20.00
Bradley, A. D.	18.00	Burbidge, J. E.	42.00
Bradley, C. C.	104.99	Burbidge, William.	90.00
Bradley, Wm. F.	4.50	Burch, Barney.	14.00
Bradshaw, George.	9.00	Burch, Ben.	38.75
Bradshaw, John.	74.97	Burch, Buck.	7.50
Brady, Charles E.	25.00	Burch, Noah.	4.00
Braentigam, E. & F. W.	42.00	Burch, Philip J.	103.95
Brandon, Edd.	24.00	Burch, W. J.	40.00
Brandon, Peter.	25.00	Burden, F. G.	2.00
Brambles, S. W.	120.60	Burgess, Claid.	24.50
Bray, M. J.	33.00	Burgess, D. J.	2.10
Breiner, John.	1.45	Burgess-Hanson Co.	69.66
Brennan Bros.	143.53	Burgoa, Esteban.	19.13
Brenton, Harry.	22.92	Burk Bros.	12.50
Brewer, J. C.	27.00	Burke, C. B.	17.00
Brickley, Lloyd.	5.00	Burke, Walter.	22.50
Bridges, F. D.	62.55	Burke, James.	27.50
Bridges, W. D.	10.00	Burks, Joe.	2.00
Brien, Joseph.	11.36	Burlingame, Marion.	18.07
Brinton, Samuel H.	19.91	Burns, Charles J.	114.75
Britton, James H.	35.00	Burns, R. E.	190.00
Brizard (Incorporated), A.	79.90	Burns, W. H.	36.25
Broadwater County Hardware Co.	157.04	Burster, Carl.	3.00
Brookings Lumber and Box Co.	188.32	Burster, Ernest.	10.00
Brosi, Mark.	47.50	Burton & Sons Co., Wm. W.	15.75
Brower Lumber Co.	25.60	Busby, Rolie.	32.00
Brown, Alex.	12.00	Bush, L. S.	34.30
Brown, Alvin.	58.62	Bushnell, Howard C.	190.00
Brown, Antone.	1.75	Busteed, John.	8.00
Brown, Frank.	133.50	Buster, Fred.	69.00
Brown, F. P.	3.00	Butler, Elijah.	3.00
Brown, George N.	43.00	Butler, Frank M.	15.00
Brown, Hank.	43.75	Butler, James F.	15.00
Brown, Herman.	18.75	Butler, Lesly.	3.00
Brown, Jerry.	218.00	Butler, O. M.	15.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Buzzard, J. N.	\$112.50	Casper, Grant	\$12.50
Buzzard, Wm.	32.00	Casper, J. G.	20.25
Buzzell, W. H.	15.00	Cassart, Frank L.	10.46
Byars, S. T.	98.00	Castella Cash Store	211.80
Byrd, James F.	27.50	Castell Libr. Co., Mead.	35.40
Byrne, James	74.25	Castleman, R. B.	68.75
Cable, Jean	16.50	Catner, Hezekiah C.	63.00
Caldwell, Kate M.	3.00	Casto, U. S.	70.00
Caldwell, W. C.	25.00	Cate, W. F.	7.50
California Electrical Works	11.15	Canthen, W. L.	30.00
California Hot Springs	7.65	Cavanaugh, James	79.00
California Mining and Dredging Syndicate	40.85	Cavison, Gust.	77.50
Califf, Albert	28.00	Central Meat Market	19.25
Call, S. W.	23.75	Chace, L. R.	16.50
Callaghan, Archie	18.00	Chaffin & Blanche	15.75
Callander, E. W.	16.50	Chalker, O. R.	27.35
Callender, E. W.	45.00	Chambers Hardware Co.	13.10
Callow, Fred B.	84.95	Chapline, Fred	54.00
Cambridge Lumber Co.	218.97	Chapman, Albert	46.87
Cameron, F. G.	7.35	Chapman, B. F.	63.25
Cameron, William	38.75	Chapman, Charles	52.50
Camp Rincon Resort Co.	10.67	Chapman, James	41.35
Campbell, A. L.	12.50	Chapman, Lewis J.	36.00
Campbell, C. A.	32.50	Chapman, Mark	40.00
Campbell Commercial Co.	25.00	Chapson, C. S.	9.20
Campbell, Hiram	53.66	Chapson, Elmer E.	50.00
Campbell, John S.	32.50	Charbonneau, Chas.	15.00
Campbell, Kinney	66.00	Charly, Dick	10.00
Campbell, W. H.	87.00	Charley, Ernest	119.25
Campbell, W. M.	14.50	Chase, Bert	35.00
Campen, Edelberdt	6.00	Chase, C. B.	7.00
Candelaria, J. B.	18.00	Chase, Lon N.	8.00
Candelario, Deciderio	14.00	Chase, Thomas	152.50
Candelario, Jose C.	23.00	Charez, Marcus	10.00
Candfield, H. W.	7.61	Check, E. O.	115.50
Cannon, C. C.	20.00	Chelan Hardware and Furniture Co.	17.70
Cantlin, Henry E.	23.21	Chemey, Chester	23.91
Cantrill, Loyd	58.00	Chemey, Dave	48.65
Cantwell, W. F.	11.83	Chemey, Ralph	19.60
Canyon City Commercial Co.	18.26	Chemey, Wm.	66.00
Canyon Lumber Co.	266.88	Chepe, Wilson	10.00
Carbon Timber Co.	41.68	Chesebro, Bert Co.	26.50
Carden, Chester	31.00	Chilcoat, J. K.	20.00
Cardon, E.	22.75	Childers, F. N.	21.00
Carey, Mrs. Martha	27.50	Chilton, Wm.	73.66
Carley, Ancil D.	7.00	Chilton, Mrs. Wm.	12.00
Carlin, J. A.	14.00	Chittenden, J. E.	10.00
Carlin, Wm.	36.00	Choate, Cabe	99.01
Carlisle, H. A.	49.00	Chlarson, H. R.	491.86
Carlisle, Hugh	6.03	Chrismon, F. M.	180.22
Carlisle, Percy P.	15.00	Christensen, A.	21.38
Carlson, Fred	46.50	Christiansen, C. F.	3.00
Carlson, Gust.	130.62	Christopher, R. C.	72.00
Carlson, Henry	36.75	Chronister & Daugherty	94.50
Carlson Lumber Yard	84.50	Church, George N.	17.00
Carlson-Lusk Hardware Co.	1,558.32	Churchill, E. O.	24.00
Carlyon, James	3.75	Churchill, Eugene	61.25
Carnes, Robert	11.25	Churchill, F. H.	51.40
Caron, E. A.	52.00	City Meat Market	27.80
Carpenter, Louis A.	66.25	Clabby, R. E.	34.00
Carr, Chas	101.25	Clairville Lumber Co.	29.64
Carr, S. F.	41.00	Claffin, R. H.	10.00
Carter, J. S.	6.27	Clark, Allan	76.25
Carter, Walter	32.00	Clark, Allen B.	2.50
Cartmell & Doty	12.80	Clark, Arthur	22.50
Cartwright, H. B. & Bro.	2.65	Clark, C. E.	91.00
Carver, E. T.	26.50	Clark, C. L.	98.00
Cary Hardware Co.	8.30	Clark, Culver	31.50
Case, Claire	54.00	Clark, Curtis E.	24.00
Casey, Andrew	311.02	Clark, C. W.	86.25
Casey Co., C. C.	15.37	Clark, Edward F.	26.00
Cash Grocery, The Sparks Bros. proprietors	32.62	Clark, Ed. W.	36.55
Cash Store, The	23.90	Clark & Graham	10.20
Cash Store	4.30	Clark, Isaac	21.00
Casias, Encarnacion	20.00	Clark, James	187.50
		Clark, Kay	28.00
		Clark, Lawrence	28.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Clark, Lloyd.....	\$23.75	Conner, Mary.....	\$42.00
Clark, McNeil.....	70.00	Conner, Robert.....	56 87
Clark, Robert E.....	15.00	Connors, Mrs. J. A.....	40.50
Clark, T. S.....	8.50	Connors, J. A.....	104.00
Clark, Walter.....	22.30	Connor Co.....	76 13
Clarke, Richard H., sr.....	50.00	Connor, C. H.....	31.25
Clawson, Shack.....	18.00	Connor, T. C.....	35.00
Clayson & Griffith.....	170.00	Connors & Wright.....	283 70
Clayton, F. O.....	57.50	Consolidated Wagon and Machine Co.....	1,372 32
Clayton, George.....	214.94	Constock, Eugene.....	25 00
Clearwater Valley R. R. Co.....	12.05	Contiars, F.....	68 20
Cleave, Paul.....	32.75	Cook, Bird I.....	24 07
Clemerson, Lewis W.....	60.00	Cook, Charles.....	36 00
Clemmons, W. D.....	54.00	Cook, F. M.....	10.00
Cleod, Norman M.....	27.50	Cooke, H. D.....	250.00
Cleveland, Grover.....	7.50	Cooksey, K.....	4.62
Clevenger, Wm. R.....	7.50	Coolin, David.....	2.72
Clifford, John B.....	42.00	Coon, J. W.....	46.02
Clifford, J. M.....	30.95	Coon, John W.....	43.14
Cline, David.....	18.35	Cooper & Collier.....	33 25
Clinton, George.....	25.50	Cooper, Martin & Co.....	20.00
Clinton, Mont.....	93.00	Cooper, O.....	51.00
Cloud, F.....	30.00	Coors Lumber Co.....	69 57
Closson, Charles.....	20.00	Copey, B. W.....	16 00
Cluster, C. E.....	34.00	Copey, Wm. S.....	48 00
Clyde, E. Y.....	23.37	Copper City Commercial Co.....	111.15
Coakley Bros.....	10.15	Copper Queen Store.....	346.95
Coates, M. E.....	47.07	Corbaley, Frank R.....	24.50
Coble, H. F.....	16.00	Corbett, P. C.....	65.00
Cochran, R. W.....	66.88	Corbett, W. J.....	270 18
Cockreham & Morell.....	15.55	Corey, Clair E.....	46.55
Cockrell, J. D.....	39.50	Corey, Clark W.....	46 55
Cody Trading Co.....	65.44	Corey, Lloyd.....	45 93
Coeur d'Alene Hardware Co.....	89.51	Corier, Felix.....	83 00
Coffin, G. H.....	194.34	Cornett, John.....	40.00
Coglon, Victor.....	4.00	Cornwall, Ervin.....	16 84
Colburn, Brewer A.....	10.75	Cory, David.....	141 67
Cold Storage Meat Market.....	15.07	Cosgrove, E.....	28 43
Cole, Wm.....	5.05	Costa Co., John.....	17.89
Cole, William S.....	84.50	Cote, Alphonse.....	80.00
Collett, Alex.....	50.00	Cothrun, W. H.....	131 25
Collier, Martin.....	22.50	Cottam, Charles S.....	92.10
Collins, Albert.....	76.50	Cotton, John.....	102.50
Collins, D. C.....	56.25	Cotton, Marion.....	100.00
Collins, Wilkie.....	15.50	Cottrell, George E.....	7.50
Collins, W. M.....	19.86	Countryman, C. C.....	27.00
Collins & Co., A. M.....	18.00	Coul, John.....	33 00
Colloher, J.....	21.60	Coulter & Watson Lumber Co.....	42 73
Colorado Telephone Co.....	294.54	Courtney, George.....	31 50
Colter, Harry N.....	101.87	Cove Mercantile Co.....	102 77
Colton, B. O., Jr.....	10.00	Cowan, James.....	4.00
Colton, Joseph H.....	52.50	Cowley, Chester C.....	305.50
Columbus Mercantile Co.....	22.50	Cox, C. A.....	1 50
Colvin, John.....	140.00	Cox, Edd.....	41 25
Colvin & Reece.....	108.00	Cox, O. L.....	52 36
Colvin, W. W.....	51.00	Cox, W. S.....	13.07
Colvin, Wes and John.....	37.70	Coy, H. G.....	161 23
Colwell, A. M.....	11.52	Crabtree, Oscar.....	33.00
Combs, Asa.....	8.75	Crain, St. Clair.....	35.00
Combs, Walter.....	12.50	Cram, A. S.....	43 75
Constock, Oscar.....	40.00	Cramer, O. A.....	61.38
Conconully Furniture and Hardware Co.....	3.20	Cramer Bros.....	194 45
Conder, James O.....	90.00	Crandall, Ivan W.....	123.00
Condor Water and Power Co.....	3.95	Craven, Chas.....	4 50
Conger, Willis.....	333.55	Crawford, A. D.....	95.00
Congleton, C. S.....	24.00	Crawford, B. N. & Co.....	38 00
Conlin Bros.....	3.90	Crawford, George W.....	21.37
Conly, Milo.....	30.00	Crawford, Marshall.....	7.50
Conn, Charles.....	117 50	Crawford, W. W.....	2 70
Conn, Mrs. George.....	2 98	Crawley, Arthur.....	28 00
Conn, Virgil.....	107.10	Creede Lumber Co.....	22.55
Connaughton, Wm. G.....	185 00	Cresmer Manufacturing Co.....	18.50
Connell, Oliver.....	59.00	Cressler, Burton F.....	20.00
Connell, W. W.....	12 00	Creswell, Smiley.....	45.00
Conner, Aaron.....	13 00	Crist, Harry.....	42 50
Conner, J. A.....	79.50	Crispin, J.....	30 25
		Cristiano, Lorenzito.....	2 00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Crittman, James.....	\$288.00	Dayton, Donico.....	\$85.00
Crockett, M. S.....	27.71	Deakins, S. L.....	12.00
Crockett, W. V.....	18.16	Dean, H.....	126.25
Cromwell, M. C.....	38.00	Dean, J. N.....	55.00
Cronkrite, J. S.....	153.00	Dean, Richard P.....	33.00
Crooke-Fuller Hardware Co.....	35.78	Dean, Tom.....	147.50
Crookes, Bert.....	37.50	Dean & Brown Mercantile Co.....	81.00
Crosby, Mrs. S. O.....	8.10	Deane, George W.....	60.00
Cross Hardware Co.....	93.16	Debitt, R. M.....	180.00
Crossley, Harry E.....	43.90	Debros, N. E.....	42.00
Crosson, Mark S.....	40.00	Decker, G. R.....	20.25
Crossthaite, Eugene.....	30.00	De Closs, Lambert.....	12.90
Crouch, E. R.....	10.00	De Herere, Emilia.....	9.00
Crow, Wm.....	13.75	De Herrera, Benigno.....	10.50
Crowther, Harry.....	165.82	De Laney Co. (Incorporated), A. J.....	48.70
Crow, Y.....	57.00	Delano, O. D.....	27.03
Crumb, Loyal H.....	6.00	Delaware Hotel, The.....	14.70
Cuber, Joseph.....	10.00	D. H., Walter V.....	17.40
Cuff, Harry G.....	21.00	Deller, P. A.....	4.45
Cuff, Ivan A.....	21.00	De Lisle, C. E.....	6.00
Cuff, James.....	107.50	De Long, Albert, jr.....	2.40
Culbertson, E. F.....	95.00	Demandel, F. O.....	74.00
Culley, Sin J.....	94.45	Denison, Ira C.....	20.00
Culp, Fred.....	5.00	Dennis, H. E.....	33.00
Cunnepper & Dowell.....	75.92	Denny Bar Co.....	125.84
Culver, J. M.....	152.50	Dent, Andy.....	36.00
Cummins, Dan.....	27.00	De Staffany, James.....	45.00
Cummings, J. W.....	101.00	Despard, Jack.....	17.00
Cunningham, R. B.....	35.00	Devereaux, Wm. T.....	60.00
Cunningham, J. A.....	46.25	Devore, Dan.....	10.50
Cupid, Charles.....	19.25	Dewell, Scott.....	96.00
Curran, Dennis T.....	7.75	Dewitt, Mike.....	9.62
Curran, D. T.....	42.70	Dexter, George H.....	4.00
Curran, Harry.....	3.00	Diamond Match Co.....	23.70
Currier, M. C.....	9.10	Dickerson, John.....	32.50
Currier, Mrs. W. A.....	11.75	Dickson, Dick.....	12.00
Curtin, Arthur C.....	2.50	Dickson, Raymond.....	43.00
Curtis, Arnold M.....	42.87	Diefenderfer & Dinwiddie Co.....	12.00
Cyr, Charlie.....	90.00	Dietzman, Herman.....	250.00
Dahl, John.....	41.25	Dillon, Edward A.....	21.66
Dahl, Matt.....	46.50	Dillon, William.....	88.00
Dahl, Nils K.....	49.30	Dimick, M. S.....	60.00
Daily, Loren.....	57.00	Dinsmore, Dan.....	47.43
Daley, Steve.....	69.50	Dinsmoore, John M.....	44.75
Dall, J. D.....	20.00	Dirrett, William H.....	48.00
Dallas, Walter.....	43.35	Dishman, Archa.....	30.00
Dalton, Heber.....	114.00	Dixon, Cyrus.....	10.05
Danforth, M. C.....	144.00	Dixon, Floyd.....	24.00
Daniels, Chas. A.....	90.00	Doak, Edward.....	86.25
Danner, J. C.....	12.15	Dobson, Frank.....	142.60
Darney, Art.....	25.50	Dodge, Andrew.....	55.00
Darrah Lumber Co.....	6.00	Doenges, C. H.....	2.33
Darrington Store (Incorporated), The.....	19.90	Doggett, G. L.....	18.00
Dash, G.....	11.25	Dolores Lumber and Supply Co.....	36.36
Dastrup, Lorentz.....	7.50	Domingo Lumber Co.....	60.75
Davenport, H. S.....	16.10	Domingo Supply Co.....	6.17
Davidson, F. J., Mercantile Co.....	6.61	Donahue, William.....	50.62
Davis, Alex.....	100.00	Donaldson, Wm.....	36.25
Davis, Amos N.....	77.60	Doney, Jabez.....	52.97
Davis, Drury D.....	7.50	Donica, Dayton.....	42.50
Davis, D. F.....	30.00	Donnelly, John.....	90.00
Davis, Edgar.....	7.50	Donovan, Jack.....	24.00
Davis, Elijah.....	142.50	Doohan, John.....	85.00
Davis, Frank.....	73.00	Doran, John.....	75.00
Davis, F. W.....	5.80	Dorsch, H. G.....	11.40
Davis, George.....	47.00	Dorn, Samuel.....	49.00
Davis, Ike M.....	39.30	Dorrin, J. E.....	39.00
Davis, James.....	46.87	Dorsch, H. G.....	46.10
Davis, James F.....	90.00	Dorsett, G. A.....	54.00
Davis, John.....	21.38	Dotta, A.....	18.00
Davis, Joseph D.....	24.00	Dougan, William.....	13.20
Davis, Jos. F.....	114.00	Dougherty, C. A.....	16.00
Davis, Smith & Co.....	1.80	Dougherty, Pat.....	10.00
Davison, Paul.....	29.53	Douglas, Robert.....	122.75
Dawson, Tom.....	36.00	Douglas, Seth S.....	107.50
Day, Jos.....	3.00	Douglass, George T.....	79.00
Day, Robert.....	15.00	Douglass, Stephen A.....	62.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Doukan, Mike.....	\$10.00	Elling & Co., Henry.....	\$3.45
Douthett, A. R.....	7.00	Elliot, F. H.....	25.60
Douthit, J. W.....	22.50	Elliot, James.....	25.60
Dow, E. E.....	40.31	Ellis, Cad.....	15.00
Dow & Son, G. W., jr.....	142.51	Ellis, P. E.....	1,276.44
Dow, Robert H.....	25.71	Ellis, S. L. N.....	7.50
Dow, Wm. D.....	17.98	Ellis, Walter H.....	77.50
Downey, Chub.....	48.09	Ellis-Forde Co., The.....	446.77
Downey, Hugh R.....	47.25	Ellison, M. T.....	15.00
Downing, James.....	31.50	Elliot, Joseph.....	68.13
Downs, Newton V.....	9.00	Elliot, Wm.....	42.50
Drake, George W.....	62.00	Ells, R. S.....	6.00
Driscoll & Co., D.....	23.15	Emberry, D. C.....	38.00
Drolshagen, A.....	8.40	Emerson, Dick.....	67.50
Drought, William.....	4.00	Emerson, E. A.....	3.00
Drout, Eugene F.....	5.00	Emerson, Richard.....	57.50
Druckemiller, J. E.....	17.00	Emrick, Ira E.....	240.00
Drucken, Mike.....	46.25	Endner Lumber Co.....	347.35
Drum, George.....	21.00	Endres, J. P.....	71.50
Drummond, J. W.....	27.50	Enfrow, John.....	20.00
Ducolon, A. W.....	101.00	Engels, H. L.....	195.77
Dudley, Edwin C.....	30.00	England, Gust.....	55.00
Dukes, Stephen.....	119.50	Engle, Edward Roy.....	7.00
Dunaway, A. L.....	26.25	Engle, Isaac.....	8.00
Dunbar, Thomas.....	100.00	Englehart, W. M.....	145.11
Duncan, Ed.....	35.00	Engels, H. L.....	8.45
Duncan, G. P.....	66.50	Englund, Gust.....	42.50
Duncan, J. K.....	15.00	Enterprise Mercantile and Milling Co.....	65.85
Duncan, W. C.....	12.00	Erickson, Emil T.....	60.25
Dungan, M. C.....	108.51	Erickson, Fred.....	99.00
Dunham, H. E.....	11.15	Ericksten, D. F.....	60.00
Dunham, Robert.....	10.00	Erwin, Clyde.....	113.00
Dunlap, G.....	22.50	Erwin, Paul.....	5.62
Dunlap, J. F.....	47.50	Erwin, A. F.....	98.00
Dunning, Jack.....	70.50	Escanlante, Manuel.....	123.00
Durgan, E. C.....	25.00	Esklund, Hans.....	43.89
Durkheimer, M.....	10.00	Esquibel, Jose F.....	31.50
Durst, George W.....	20.00	Estes, Jesse.....	2.00
Dusing, Mrs. Maria.....	21.76	Estes, L. E.....	7.50
Dutton, A. L.....	4.05	Estes, Willis.....	76.50
Duval & De Troy.....	104.52	Eureka Livery and Express Co.....	41.72
Dygart, Herbert E.....	27.50	Evans, A.....	26.00
Earl, L. H.....	17.50	Evans, David.....	54.25
East Oregon Mercantile Co.....	3.55	Evans, Gronway C.....	19.91
Easton, H. T.....	8.00	Evans, John L.....	56.00
Eaton, William.....	43.75	Evans, Ora E.....	112.50
Eibeshutz, A. W. & J. E.....	127.30	Evans, Robert.....	105.00
Eckerd, George.....	55.00	Evans, Thomas.....	25.00
Eddy, Charlie.....	53.75	Evans, W. E.....	2.50
Eddy, Henry M.....	18.00	Eveleth, Ralph J.....	77.50
Eddy, Walter.....	3.00	Ewing, Wm.....	21.00
Edick, Mark.....	80.00	Exon & Rush.....	108.40
Edgeworth, Lovell.....	56.25	Fackler, Walter.....	161.56
Edgmand, J. R.....	30.00	Fairbanks, Morse & Co.....	11.90
Edgmand, T. K.....	78.00	Fairholm & Heap.....	3.00
Edinger, Emile.....	53.75	Faler, V. E.....	116.73
Edson & Foulke Co.....	7.50	Falk Mercantile Co., The.....	362.44
Edwards, Claud.....	77.50	Fallon, J. J.....	75.00
Edwards, E. H.....	6.02	Fanning, A.....	62.00
Edwards, Eli.....	147.50	Farber, George.....	16.99
Edwards, Griff.....	30.00	Farley, George.....	14.75
Edwards, Israel.....	35.00	Farley, Rollo.....	91.49
Edwards, Thomas.....	200.00	Farlow, H.....	56.00
Edwards, Wm.....	12.00	Farmers' Implement and Hardware Co.....	11.15
Effman, Albert.....	51.25	Farmers' Telephone and Telegraph Co.....	9.50
Effman, Dan.....	46.00	Farr, Robert A.....	143.54
Eggenhaler, Rupert.....	60.00	Farris, D. M.....	45.33
Eggert, A. J.....	20.00	Farris, D. N.....	38.77
Elfort, William.....	28.13	Farris, F. M.....	40.00
Elam, W. F.....	21.00	Farris, F. M.....	20.00
Elben, Ernest.....	76.12	Farrow, B. W.....	14.00
Elder, Lloyd.....	2.00	Fassett, L. L.....	207.20
Eliason, C. A.....	121.00	Faust, E. D.....	3.00
Electric Appliance Co.....	5.20	Feddersen, A. W.....	65.94
Elite Toilet Service Co.....	5.00	Feehan-Stimmons Co.....	19.00
Elko Lumber Co.....	437.17	Feetham & McNeill.....	
Eller, E. J.....	50.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Feiereisen, J.	\$89.25	Foster, W. H.	\$250.00
Fenn, George	6.00	Fowler, A. J.	7.37
Fenorio, Dionisio	19.20	Fox, George J.	39.00
Fenton, E. M.	54.35	Fox, W. H.	4.12
Ferguson, Cary	15.00	Frame, H. A.	16.00
Ferguson, Robert	68.25	Francis, Chas. H.	110.00
Ferguson, Thurston	68.25	Francis, J. H.	35.50
Ferguson, Samuel	180.51	Francis, Joseph H.	131.87
Fernando Improvement Co.	12.27	Franco-American Hotel	69.30
Fernandez, Juan D.	40.00	Frank, Emil	58.04
Feron, Thomas E.	72.50	Frank, Sam.	75.00
Ferran, Isidore	1.80	Franklin, George	12.00
Ferrell Lumber Co.	60.90	Franklin Mercantile Co.	131.85
Ferren, Bert	11.25	Franshaw Bros.	22.00
Ferren, George	88.75	Franshaw, Rhesis	18.00
Ferris, Charles	10.00	Frary, N. H.	33.00
Ferris, C. H.	4.50	Fraser River Timber Co.	165.00
Ferron, W. M.	50.00	Frazer & Barnes	8.05
Ficker, Peter	127.02	Frazer, Charles	75.15
Field, M. E.	7.25	Frazier, Jefferson	21.25
Field, Roy	6.87	Frazier Borate Mining Co.	180.06
Fielding, H. W.	15.00	Frederickson, Frank	20.00
Fields, Clarence	8.75	Frederickson, George	15.00
Fields, J. E.	35.00	Freeman, A. E.	294.38
Rifer, E. J.	27.50	Freeman, J. E.	6.00
Figuroa, Tuburco H.	10.00	Freeman, J. L.	63.00
Figgen, Joe	33.00	Frefry, D. E.	18.75
Figgen, J. H.	56.50	French, Fred B.	11.25
Figone, G.	46.00	French & Kellar	13.00
Figone, John	28.00	Fredregill, Sidney	45.00
Findley, S. M.	31.50	Frey, E. W.	48.00
Findley, W. A.	49.50	Frey, G. H.	49.00
Pinnigan, Peter J.	67.50	Frey, William R.	72.50
Fisher, F. C.	8.40	Frizzell, Lawrence	48.50
Fisher, Gail	35.00	Frus, Jensenus Jensen	500.00
Fisher, John D.	104.00	Frye, John C.	35.00
Fisher, J. W.	4.50	Fryett, J. W.	10.00
Fisher-Glassford Hardware Co.	373.34	Fugitt, Wm. A.	119.60
Fisher Lumber Co.	8.47	Fulkerson, George	22.00
Fisher, Thomas W.	50.00	Fuller, J. O.	77.00
Fitch, L. E.	7.83	Fuller, Peter	63.00
Fitting, Ray R.	187.50	Fullmer, Barlow	3.75
Fitzgerald, Edward	113.33	Fulton, James B.	38.00
Fitzgerald, J. J.	4.00	Fulton, Walter E.	185.72
Fitzgerald, James	56.50	Furlong, E. O.	54.60
Fitzgerald, William	42.19	Fuqua, F. D.	105.75
Fitzhugh, Charles	57.50	Fuqua, George	73.50
Fitzwilliams, James	26.00	Fuqua, R. D.	42.50
Fitzwilliams, John	135.50	Gagnon, Frank	57.50
Flake Bros.	260.88	Gainer, Thomas	55.00
Fleming, Arthur S.	38.25	Gaines, Charles	6.87
Fleming, Charles	28.55	Gaines, Thos. J.	54.00
Fleming, Clare B.	3.75	Gallagher & Nichols Co.	71.88
Fleming, C. J.	48.75	Gallegos, Anastasio	1.63
Fleming Bros.	285.93	Gallegos, Caprino	75.00
Fletcher, F. F.	130.00	Gallegos, Crescencio	17.42
Flewelling, John	27.00	Gallegos, Pedro	16.00
Flint-Lynn Lumber Co.	23.30	Garcia, Aurelio	6.00
Florance & Morrow	21.85	Garcia, Pablo	118.50
Folden, J. W.	4.54	Garden, Chester	5.00
Font, Virginia G.	5.00	Gardiner Mill Co.	48.11
Force & Rogers	69.14	Gardner, A.	48.00
Ford, S. A.	48.00	Gardner, Charles	60.00
Fordham, Elijah	6.00	Gardner, Charles H.	49.75
Foreman, G. W.	68.00	Gardner, George	13.00
Foote, Robert	8.00	Gardner, John	8.00
Forran, Isidore	20.54	Gardner, Robert K.	96.00
Forristell & Hellman	5.70	Gardner, Roy	22.00
Fortine, Eddie W.	36.25	Gardner, Sam.	65.00
Fortin, Lena	6.00	Gareau, Frank	186.00
Fortin, Octave	12.00	Garfield Exchange	39.40
Fortin, Oscar	4.00	Garland, Cater	31.25
Foss, Ed.	70.00	Garletz, H. B.	4.85
Foster, Albert H.	201.87	Garletz Mercantile Co.	15.70
Foster, Commodore	102.00	Garoutte, W. M.	200.00
Foster, C. D.	84.00	Garrant, Charles	60.00
Foster, H. T.	10.00	Garrett, E. H.	3.30

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Garrett, William X.	\$6.00	Goudy, Fred.	\$150.00
Garvey, F. R.	145.00	Goul, John.	117.00
Gaslin, Mrs. J. A.	53.00	Gould, T. E.	109.20
Gasper, Mathias.	13.50	Gowanlock, John A.	282.16
Gates, John.	12.25	Grace, Bros.	55.97
Gates, William.	17.00	Gracey, Wm. M.	78.35
Ganksheim, S. O.	107.50	Graham, C. C.	12.50
Gault, J. S.	74.13	Graham, Frank A.	84.80
Gaylord, Stephen.	4.00	Graham, F. R.	57.00
Gearhart, George.	95.00	Graham, Jessie.	24.00
Gearheart, Harvey H.	36.00	Gran, Fred.	34.37
Gebler, Theo.	35.70	Gran, Henry.	34.37
Geer, Ira C.	23.00	Grant, Charles.	10.00
Geery, Harve.	62.50	Grant, F. H.	29.00
Gehring, F. J.	10.35	Grant, H. S.	7.00
General Electric Co.	18.50	Grants Pass Hardware Co.	17.30
Gensman, J. P.	52.50	Grapes, A.	27.00
Gerardan, John E.	11.25	Graves Mercantile Co.	33.07
Gerarden, David E.	42.50	Gray, Albert.	34.00
Gerarden, John.	45.63	Gray, A. H.	18.00
Gerking, Quill.	46.03	Gray, Chas. C.	114.50
Germain Seed Co.	12.00	Gray, C. W.	75.50
German Seed and Plant Co.	24.00	Gray, R. W.	27.20
Gerrish, Mrs. L. F.	9.00	Gray, Thomas L.	20.30
Gerwien, H.	30.10	Gray, W. C.	17.50
Gibbel, Isaac B.	13.45	Gray & Co., George R.	302.61
Gibbs, A. M.	16.00	Great Falls Lumber Co.	34.95
Gibler, Theo.	7.35	Greaves, John E.	58.90
Gibson, C. E.	85.85	Green, Alonzo.	41.99
Gibson, Ed.	38.00	Green, C. E.	25.00
Gibson, Frank.	46.25	Green, Fred L.	6.81
Giebler, Charles.	55.00	Green, James.	120.25
Gieselmann, L.	112.50	Green, Otto T.	46.00
Gilbert, Thos. H.	1.95	Green, Pat.	33.00
Gilboy, Pat.	27.00	Green, R. K.	20.25
Gilechrist & Dawson.	148.40	Green, Samuel.	31.00
Giles, F. S.	1.50	Green, W. H.	15.00
Gill, John.	200.00	Green, Wm. B., Jr.	125.00
Gill, J. B.	129.14	Greene, E. B.	24.50
Gill, The, J. K. Co.	2.25	Greenwood, Frank.	12.50
Gill & Wilkinson.	135.00	Greer, Frank.	76.50
Gillaspie, Alex.	46.25	Greer, Harry.	76.50
Gillaspie, Hugh.	46.25	Gregory, Dean A.	81.25
Gillett, Ezekiel.	2.50	Gregory, Joseph.	122.44
Gillett, H.	203.00	Greig, Stanley.	20.00
Gilliam, T. J.	79.00	Greve, Alfred F.	86.25
Gilliam & Bisbee.	16.65	Gribble, John E.	27.50
Gilmer, Joseph.	7.50	Grieler, Richard L.	107.19
Gilmore, Earl.	32.50	Griffin, Chas. O., Jr.	12.50
Giltner, Frank.	160.87	Griffin, Jas. L.	32.00
Glass, W. H.	72.59	Griffin Hardware Co.	182.60
Glasser, Raymond.	88.75	Griffith, Howard.	57.50
Glenwood Mercantile Co.	413.41	Griffith, T. M.	3.00
Globe Paint and Wall Paper Co.	9.40	Grigg, Ammon.	23.75
Gnavanch, Ed.	50.70	Grigg, P. M.	12.50
Goetze & Co.	65.42	Grigg, W. M.	26.25
Goddard, W. P.	2.84	Grimes, J. D.	38.50
Godfrey, W. T.	72.80	Grimes, J. R.	26.12
Goggins, Morris.	220.50	Griswold, A. M.	91.80
Gold Mountain Water Co.	8.00	Gross, Jesse L.	150.00
Golden, Dan J.	20.00	Gross, Kelly & Co.	261.23
Golla, Gust.	133.00	Grove, Harry.	6.00
Gollober, J.	66.22	Grover, J. G.	46.87
Gonsalez, Celustriano.	22.50	Grubscr, Benedick.	76.99
Good, Dean Q.	24.00	Guenther, J. A.	19.50
Goodall, Harry.	12.00	Guernsey, George D.	109.12
Goodknight, C. W.	66.00	Guernsey, H. A.	199.32
Goodwin, G. W.	63.05	Guilbert, L. E.	10.00
Gordon, A. P.	35.50	Guinea, H. C.	42.50
Gordon, David.	75.00	Gumaer, R. M.	73.75
Gordon, Granville J.	5.50	Gunnison Hardware Co.	22.42
Gordon, R. O.	9.00	Gurley, J. M.	404.40
Goreczky, A.	2.25	Gurr, Edgar.	38.75
Gorham, Wm.	40.00	Guy, Leon.	12.00
Gotchy, F. M.	49.00	Haas, Louis.	20.00
Gottfredson, Don.	7.50	Habel, A. A.	15.00
Gottlieb, George.	104.75	Hackman, A. D.	7.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hadfield, J.	\$29.00	Harmon, Wm. W.	\$14.87
Hadley, Ellis F.	180.00	Harney, A. O.	26.29
Hadley, L. G.	81.12	Harought, J. A.	1.37
Haefer, John.	168.00	Harper, George.	58.00
Haefer, John C.	94.50	Harper & Reynolds Co.	154.07
Haefer, William.	173.50	Harrington, A. J.	60.00
Hafley, F. H.	15.05	Harrington, Louis C.	150.00
Hagen, Isaac.	20.00	Harrington, Moody.	141.00
Hagen, Ole.	12.50	Harris, B. E.	81.25
Harer, J. C.	18.75	Harris Bros.	311.36
Haight, James.	105.00	Harris, J. A.	33.00
Haines, George F.	40.00	Harris, Thos.	34.45
Halbert & Webber Hardware Co., The.	69.50	Harris & Co., Jno. J.	34.45
Hale, Benjamin F.	8.50	Harrison, George W.	12.50
Hale, Fred.	16.50	Harrison, Gust.	46.00
Hale, G. W.	55.00	Harrison, John H.	14.50
Hale, James.	5.00	Harrison, W. A.	55.50
Hale, J. C.	56.37	Harrison, Wm. H.	10.12
Hale, Wm.	5.00	Hart, Eugene E.	165.75
Hall, Byron.	66.50	Hart, Fred G.	10.50
Hall, C. P.	52.25	Hart, J. E.	135.00
Hall, Fred.	161.00	Hart, W. H.	72.62
Hall, Iowa J.	24.75	Harter, George.	31.00
Hall, O. E.	14.25	Hartman, Walter.	38.00
Hall, Wilburn L.	6.30	Hartung-Larson Hardware Co.	126.45
Hall, Willard P.	2.55	Hartwig, Raymond J.	75.00
Hallett, Charlie C.	32.00	Harvey, Ellis.	38.75
Hallen, Emmett.	81.88	Harvey, H. A.	26.99
Hallows, Wm.	50.74	Harvey, Mrs. Mary.	36.25
Hally, M. J.	27.56	Harvey, Park.	31.25
Halm, Edward.	25.00	Harvey, W. G.	42.00
Halverson, Carl.	9.00	Harvey, W. J.	4.55
Halverson, Jas. G.	42.50	Haskel, D. E.	19.91
Hamblin, Carl.	4.06	Haskette, Mack.	41.00
Hamblin, George O.	79.37	Haser, Emil.	5.50
Hamblin, Sydney.	8.75	Hastings, George.	27.50
Hamblin, W. O.	6.56	Hatch & Co., A.	88.90
Hamilton, E. R.	18.25	Hathaway, Robert.	5.00
Hamilton, Nat.	22.50	Haught, A. L.	25.00
Hammond, Harvey C.	57.00	Haught, Henry.	4.00
Hammond, J. A.	65.00	Haught, T. P.	21.25
Hammond, J. M.	42.50	Hau, Robert J.	75.00
Hammond, L. E.	19.91	Haus Hardware and Implement Co.	
Hammond, Norman.	64.00	(Limited), H.	23.78
Hammond, S. D.	26.00	Hawkins, Jennie.	26.00
Hampton, B. L.	34.00	Hawkins, Leonard.	20.00
Hancock, Thos.	5.00	Hawkins & Higbee.	36.45
Hand, S.	25.00	Hawley, Ford.	20.00
Handy, Richard.	2.00	Hawks, Adam.	28.75
Haney P. E.	29.00	Hayball, Henry G.	25.60
Hanf, Phillip.	5.00	Haycock, Walter.	37.50
Hanka, Joseph C.	26.60	Hayden, Clarence.	55.00
Hanks, T. A.	52.50	Hayes, A. L.	14.34
Hanni, John, jr.	50.87	Hayes, R. W.	3.00
Hansen, George.	25.00	Haynie, R. M.	87.77
Hansen, J. A.	37.00	Haynes, W. F.	57.50
Hansen, J. J.	25.00	Hays, John W., jr.	11.00
Hansen, L. P.	31.25	Hays, Samuel R.	96.00
Hansen, Marino.	91.00	Hayter, Asa.	67.50
Hansen, P.	73.45	Hayward, Ed.	59.65
Hansen, Ray.	30.25	Hayward, O. H.	46.50
Hanson, Axel.	45.00	Healam, John.	6.00
Hanson, Charley D.	53.20	Heath, J. d.	63.25
Hanson, Henry.	8.28	Heath, G. B.	78.37
Hanson, John.	6.00	Heberling, B. U.	34.00
Hanson, W. O.	48.00	Hebert, Chas.	52.00
Hardenburgh, George.	7.17	Hebert, William.	52.00
Hardin, W. B.	13.00	Hedding, C. E.	24.81
Hardin, W. R.	10.50	Hedgluth, Joel.	20.00
Harding, Isaac.	41.12	Hefler, E. A.	269.50
Harding, J. A.	30.00	Hegler, Bert.	38.75
Harding, R. J.	22.84	Heidenrich, Dick.	63.00
Harding, William.	54.25	Height, James.	17.47
Harelson, A. J.	35.00	Heinzelman, Mathew.	23.38
Hargens, Otto.	39.30	Helena Hardware Co. (Incorporated).	43.90
Harling, J. W.	84.00	Heller, Marie.	36.00
Harmon & Harmon.	41.25	Helmuth, George F.	10.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Henderson, Archie.....	\$23.37	Hobson, John.....	\$45.00
Henderson, Charles.....	42.50	Hobson, Plat.....	6.00
Henderson, Margaret W.....	45.00	Hochheimer & Co.....	17.63
Henderson, R. G.....	20.00	Hockett, Ben F.....	26.50
Henderson, Sidney.....	42.50	Hoegge Co., Wm. H.....	11.10
Henderson, Vesper.....	24.00	Hoehn, Theodore.....	167.75
Hendricks, A. F.....	112.00	Hoepfner, Bruno.....	42.00
Hendricks, Joseph.....	59.52	Hofer, Walter.....	44.00
Henler, Max.....	15.00	Hofer, Walter D.....	21.00
Henley, Frank.....	14.00	Hoffmeier, Frank.....	56.25
Helvey, R. T.....	75.00	Hoffmeier, Victor.....	114.74
Henneberry, J. B.....	60.00	Hogan, Winnifred.....	35.00
Hennings, Mabel F.....	86.00	Hoge, George.....	86.25
Henningson, C.....	15.00	Hoke, John G.....	1.00
Henrie, Jas.....	65.87	Holdt, Iver M.....	13.50
Henrie, M. W.....	35.00	Hole, Morris.....	27.50
Henry & Co.....	46.36	Holladay, J. W.....	400.00
Henry, Dennis E.....	75.00	Holland, H.....	6.75
Henry, George S.....	6.95	Holland, Lawrence.....	70.00
Henry, John.....	8.00	Hollenback, Joseph.....	75.38
Henry, L. B.....	314.48	Hollenbeck, Levi.....	25.00
Hensel, Chas.....	120.00	Holley, Mason Hardware Co.....	19.10
Hensley, George H.....	18.75	Holliday Co., W. H.....	5.40
Hensley, J. S.....	178.50	Hollimon, Walter.....	12.00
Hensley, James T.....	25.00	Hollister, C. D.....	85.00
Hensley, William H.....	18.75	Holloway, George F.....	86.00
Henson, E. W.....	15.50	Holloway, L. N.....	34.00
Henzel, Wm.....	21.00	Holm, Marcus.....	15.00
Hepburn, Edward M.....	67.50	Holman, B. C.....	11.00
Herkert, C. F.....	42.00	Holmes, John.....	54.56
Herman, R. D.....	16.00	Holmes, John D.....	11.25
Herrera, Luciano.....	21.00	Holst, John D.....	82.50
Herrig, Frieda.....	5.68	Holt, L. M.....	75.00
Herrington, Frank.....	58.50	Holt, Lewie.....	106.75
Herman, J. J.....	10.00	Holter Hardware Co., A. M.....	202.84
Herrera, Stanislas.....	10.50	Holzendorf, Tillie S.....	12.00
Herrick, L. A.....	12.00	Home Independent Telephone Co.....	29.85
Herrick, L. C.....	24.50	Honsinger, Orey.....	15.75
Herrington, F. B.....	46.25	Hoobing, Michael.....	40.00
Herrmann, Chas.....	97.18	Hood, Ben.....	68.75
Herter, Henry.....	116.25	Hood, E. D.....	66.25
Herwick, Oren H.....	21.00	Hooten, Ben F.....	30.75
Herzog, Walter.....	32.00	Hoover Lumber Co.....	29.65
Hesler, Charles.....	4.00	Hope Lumber Manufacturing Co.....	2.22
Hesson & Co., A. W.....	331.00	Hopf & Redmond.....	17.35
Hetz, Felix.....	100.00	Hopkins, J. P.....	7.00
Heublein, George.....	18.00	Hopping, Guy.....	24.00
Hewett, George S.....	28.50	Hopson, Mrs. Douglas.....	800.00
Hiatt, Robert.....	47.50	Hord & Sons, A. M.....	2.00
Hiatt, R. E.....	53.75	Horn Mercantile Co.....	100.79
Hicken, Alonzo.....	54.00	Horton, Lucius D.....	15.00
Hicken, C. W.....	26.12	Horton, Thomas.....	42.00
Hicken Bros.....	4.20	Hospital, Henry.....	28.00
Hickman, Fred.....	18.00	Hotel McCloud.....	5.00
Higby, James S.....	110.40	Hotel Oregon.....	70.60
Higby Mercantile Co.....	18.68	Hott, E. M.....	4.00
Higgins, Clayton C.....	158.87	Hough, W. O.....	34.00
Higgins, Chine.....	18.00	Houghland, F. S.....	5.13
Higgins, Earl.....	12.50	Houk, W. E.....	20.61
Higgins, S. J.....	14.50	Houser, C. W.....	15.66
Higgins, Wm.....	25.00	Howard, H. C.....	11.25
Higginsaw, Harold.....	4.00	Howard, L. W.....	23.41
Higley & Co., R. L.....	6.40	Howard, Paul.....	8.00
Hill, Emil.....	11.25	Howard, S. C.....	27.50
Hill, J. M.....	60.00	Howard, W. H.....	33.75
Hilliard, Claude.....	28.75	Howell, C. S.....	99.27
Hilliard, C. N.....	38.75	Howell, Elmer.....	42.50
Hilliard, P. C.....	6.00	Hoyt, C. E.....	16.50
Hillis, Roy.....	17.30	Huard, J. B.....	70.00
Hilts, E. J.....	80.00	Huddle, C. I.....	194.93
Hindson, J. J.....	107.50	Hudelson, Johnson & Co.....	83.14
Hiromoto, C.....	56.00	Hudson, Herbert C.....	31.00
Hjoit, C. K.....	50.00	Hudson, H. C.....	16.00
Hoag, William.....	39.00	Hudson, W. W.....	55.50
Hobart, Wm. B.....	12.50	Huff, A. J.....	32.50
Hobson, Mrs. Fannie.....	60.00	Huff, Edward C.....	113.00
Hobson, Joe.....	49.50	Huffy, E. E.....	13.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hughes, George	\$1.25	Jackson Lumber Co.	\$109.07
Hughes, J. A.	46.00	Jackson Mercantile Co.	28.85
Hughes, Lawrence	141.00	Jackson, R. B.	60.25
Hughes, M.	6.00	Jacob, F.	34.00
Hughes, Oliver	14.50	Jacob, Thos. F.	6.00
Hughes, Webster	103.75	Jacobs, Ben.	2.00
Hughes, Wm.	1.25	Jacobs, Louis	223.43
Hugus & Co., J. W.	275.79	Jacobs, Orval	4.00
Hulet, W. P.	6.87	Jacques, John	19.00
Hulten, Herbert	32.50	Jacquot, Peter	37.50
Hulton, Carl O.	13.12	Jacquot & Son	49.10
Huniston, George E.	27.00	James, C. R.	33.00
Humphrey, C. B.	20.63	James, George E.	157.05
Humphrey, Joseph W.	41.24	James, H. R.	25.43
Humphreys, E.	10.00	James, Walter W.	181.79
Humphreys, Fred A.	75.00	Jameson, Ernest	44.00
Hungate, Thos.	44.00	Jaramillo, J. M.	7.50
Hunsberger, Walter	28.75	Jarvis, Charles B.	60.00
Hunt, T. M.	5.30	Jeffers & Switzer	3.80
Hunt, Wm. C.	45.00	Jeffery, Walter	76.25
Hunt & Mottett	61.01	Jellerson, Joe	38.00
Hunter, S. G.	1.50	Jenkins, Daniel E.	45.00
Huntington, Al.	1.00	Jenkins, Le Roy	3.50
Huntington Corporation	2.00	Jennings, Lewis F.	39.12
Hupp, C. R.	5.00	Jensen, J.	20.25
Hupp, Josie	4.88	Jensen, James C.	220.00
Hurley, James	72.50	Jensen & Bro., Gus	93.10
Hurst, Bros.	40.10	Jensen, S. C.	14.50
Hurst, Fred M.	15.12	Jensen, Thomas	45.00
Hurst, Margaret	14.67	Jensen, Thomas P.	5.10
Hurst, Mark	40.00	Jeter, Wood	33.75
Hurt, E. B.	16.87	Jewell, James E.	49.50
Huston, H. L.	12.00	Jimenes, Chiofe	2.00
Huston, Joseph	5.00	Johanson, J. A.	136.14
Hutchins, H. E.	7.50	Johns, Henry	17.50
Hutchison, Arthur	20.00	Johnson, A.	25.00
Hutchison, T. P.	16.45	Johnson, A. F.	75.00
Hutchison, Wm.	10.00	Johnson, Albert	88.75
Hutchinson & Lumsden	5.60	Johnson, Charles	72.42
Hutton, A. P.	5.70	Johnson, Charles	57.26
Hutton, H. F.	67.37	Johnson, C. A.	24.00
Huyek, W. B.	24.00	Johnson, Clifford	22.67
Hydar, M. & O.	12.25	Johnson, Dave A.	63.00
Hyland Bros.	5.75	Johnson, David P.	30.00
Idaho Dressed Beef Co.	12.40	Johnson, Edward L.	60.00
Idaho Hardware Co.	16.45	Johnson, Emil	88.50
Idaho Hardware and Plumbing Co.	418.80	Johnson, Evelyn	3.00
Idaho Lumber Co. (Limited)	26.52	Johnson, F. H.	8.40
Idaho White Pine Milling Co.	28.32	Johnson, G. W.	53.10
Ifield Co., Charles	48.01	Johnson, Jacob	55.40
Iliff, Ben B.	34.00	Johnson, John J.	28.12
Ince, Harvey	31.00	Johnson, J. H.	31.90
Independent Hardware and Lumber Co.	672.25	Johnson, J. K.	40.25
Indian Valley Mercantile Co.	14.67	Johnson, Olaf	6.75
Ingard, Harriet	9.40	Johnson, W. M.	61.00
Ingle Co., Samuel Gordon	50.00	Johnson Hardware Co.	18.00
Ingram, J. A.	44.50	Johnston, Edgar B.	66.00
Inman, Harvey E.	35.82	Johnston & Brent	42.00
Iribarne, John	5.00	Johnston, Morgan L.	12.50
Irvin, Jas. A.	13.50	Johnston, T. H.	67.50
Irving, William	48.00	Joki, Ransant	3.50
Isaacson, H.	16.25	Jolley, Henry, Jr.	23.12
Isdell Mercantile Co.	282.66	Jones, Archie Z.	38.25
Isle & Co., A. E.	454.65	Jones, Arthur	32.00
Iunker, A. E.	3.95	Jones, C. E.	28.00
Iverson, Andrew C.	160.50	Jones, George	8.00
Ivie, Alden S.	137.50	Jones, George R.	6.50
Ivie, Ray	72.63	Jones, H. G.	31.80
Ivory, George W.	7.00	Jones, H. W.	80.66
Jacklin, C.	3.74	Jones, Lein W.	22.00
Jackman, T. C.	8.00	Jones, M. P.	13.00
Jackson, Dan	15.00	Jones, Q. P.	84.00
Jackson, Frank	10.00	Jones, Ray	26.00
Jackson, Frank A.	171.25	Jones, W. S.	45.00
Jackson, John	20.00	Jones Bros.	270.90
Jackson, John A.	22.50	Jones Dry Goods Co., W. A.	16.03
		Jordan, Hugo	15.35

## FOREST SERVICE—Continued.

Report of Expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Joseph Mercantile Co.	\$9.90	King, W. F.	\$19.90
Joslin, Lon.	105.00	Kington Bros.	99.17
Joy, Carter.	6.00	Kinyon, G. B.	89.70
Joy, Johnny.	39.00	Kipling, Tom.	33.75
Joyce, Patrick F.	67.50	Kirchner, John.	225.00
Judd, Wm.	97.50	Kirkland, Jesse.	126.75
Kail, Edwin.	26.87	Kirkpatrick, Forest I.	172.50
Kalispell Lumber Co.	9.25	Kirkpatrick, John M.	172.50
Kalispell Water and Electric Co.	768.21	Kiser, Louis G.	60.00
Kanab Equitable.	10.00	Kissell, Hall.	12.00
Kanawyer, P. A.	37.50	Kitchen, George.	40.00
Kane, Chas.	30.00	Kittredge, Tracy B.	43.00
Kanistanaux, Wm. H.	57.50	Kizer, W. W.	15.05
Kapham, Harry.	69.00	Klein, Carl.	28.00
Karnopp, Arthur.	89.00	Klenna, Frank.	17.00
Karscomoto, K.	48.00	Klemmer, J. P., estate of.	7.50
Kauffman, W. A.	90.00	Knief, Hugo.	17.50
Kay, P. H.	6.00	Knief, H. C.	72.50
Keating, C. P.	90.00	Knief, H. E.	55.00
Keating, George.	46.25	Knight, C. H.	71.50
Keating, Gust.	150.00	Knighten, E. L.	40.00
Keep, George H.	29.46	Knowles, Frank.	37.50
Kelser, O. G.	9.26	Knowles, H. L.	21.23
Kelier, James.	58.48	Knowlton, Frank H.	81.88
Keller, Louis.	45.25	Knudsen, Walter.	12.50
Keller, Miller & Co.	57.38	Knudsen, William E.	12.50
Kelly, J. L.	11.50	Koch, Harry G.	53.80
Kelley, Lee W.	17.50	Koch, Gorda Heiberg.	24.75
Kellogg, Charles.	5.00	Koeffler, Francis.	89.37
Kelly, Alfred.	65.00	Koenig & Co., L. F.	25.26
Kelly, Chas. B.	7.50	Kofford, Ray.	15.00
Kelly, E. J.	50.00	Koletzke, A. H.	26.50
Kelly, Grover C.	8.25	Koomanoff, Alex. T.	174.00
Kelly, James M.	66.00	Korpi, Ennokki.	13.75
Kelly, Louis P.	56.00	Koster, Otto.	11.04
Kelly, Pat.	44.98	Kottkeg, Henry F.	17.85
Kelly & Co., Gross.	39.25	Kramer, George.	34.37
Kelsoe, Fred.	74.00	Krause, O. W.	73.69
Kelsoe, T. F.	55.00	Krebs, Frank A.	20.00
Kelsoe, Wm.	98.00	Krebs, J. W.	32.52
Kelsoe, W. F.	61.25	Kreigh, Wm.	58.00
Kemler, Ed.	42.00	Kremmling Lumber Co., The.	147.35
Kendrickson, Sam.	11.25	Kremmling, R.	27.25
Kendall, Irvin E.	32.50	Kremmling, Rudolph.	57.00
Kendall, J. R.	90.00	Kress, Ben.	45.94
Kendrick Book and Stationery Co.	17.35	Kriley, M. M.	52.50
Kenison, John.	256.00	Krieger, Lawrence.	89.87
Kennaday, Andrew J.	36.00	Krigbaum, A. R.	55.00
Kennedy, E. H.	43.82	Krigbaum, Conrad.	46.20
Kenniston, E. B.	242.18	Kriley, Carl J.	48.00
Kenny, Thos. J. C.	70.00	Krueger, Edward.	99.00
Kenoyer, E. S.	105.75	Krug, A. H.	55.00
Kent, Ralph A.	44.00	Krupp, Frank A.	10.13
Kerber, J. & Co.	9.40	Kuehn Bros.	61.70
Kerby, Wm.	120.50	Kundsen, H.	31.25
Kerchell, Joe.	92.50	Kundsen, Walter.	31.25
Kerkhoff-Cuzner Mill and Lumber Co.	10.68	Kuny, Felix.	33.50
Kerlee, W. A.	182.50	Kutner-Goldstein Co.	3.90
Kerns, A. E.	16.25	Lafferty, William.	39.00
Kerr, George D.	107.87	Lafferty, W. D.	74.75
Keser, Lloyd.	27.50	Laffeur, William.	27.00
Kessler, H. P.	88.00	La Fordre, Harry.	7.50
Kestner, Otto.	15.00	Lajennessee & Co., D.	20.40
Kettleson, Chas.	7.00	Lake Chelan Box Factory.	377.50
Klenitz, W. F.	15.19	Lakeview Mechanical Co.	92.66
Klirman, W. T.	110.67	Lamb, Daniel.	35.00
Killer, M. F.	122.50	Lamb-Davis Lumber Co.	107.92
Killea, W. M.	49.00	Lambert, Leonard.	17.50
Kilpatrick Bros. Co.	109.80	Lamire, Chas.	62.50
Kincaid, Eugene E.	17.50	La Moine Lumber and Trading Co.	14.45
Kinder, L. W.	122.00	Lane, Charles.	42.50
King, Chas. W.	12.50	Lane & Co., Chas. W.	19.00
King, J. B.	15.00	Lane, F. B.	204.06
King, John.	33.00	Lane, G. B.	16.00
King, R. L.	114.59	Lane, Jeremiah.	3.90
King, Rolla.	61.00	Langdon, Fletcher.	21.00
King, Otto W.	35.00	Lange, N. E.	52.32

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1903, under appropriation  
 "Administration, etc., National Forests, 1903, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Langworthy, Elton.....	\$54.00	Lighthill, George W.....	\$21.00
Lanigan, Jas. H.....	52.50	Lightner, Curtis.....	5.00
Lansberry, F. C.....	87.25	Likely, C. H.....	218.24
Lansi, John.....	47.50	Lilly, H. C.....	33.05
Lansing, G. W.....	13.25	Lilly, James.....	46.00
Lapp Co. (Limited), O. C.....	20.20	Lincoln & Co., C. O.....	8.00
Laramie Grocery and Hardware Co.....	11.05	Linder, W. M.....	44.00
Large, Z. L.....	21.00	Linderman, E. R.....	12.00
Larison, Miss D. F.....	5.00	Lindh, H. C.....	20.00
Larsen, Albert.....	21.00	Lindley, G. P.....	24.00
Larsen & Co., C. E.....	63.25	Lindley, Roy.....	31.50
Larsen, Elmer.....	26.25	Lindley, W. C.....	76.50
Larsen, Gustaf.....	45.50	Lindsay, Ed. R.....	149.05
Larsen, Julius.....	172.00	Lindsay, Morris S.....	67.50
Larsen, C. A.....	19.50	Lindsey, Samuel.....	9.00
Larsen, Charles.....	94.50	Lindstrom, Albin.....	45.00
Larsen, Mahoney.....	75.00	Ling, Edward.....	21.00
Larson, Hans O.....	102.92	Lingo, Ed.....	30.00
Latham, Wm.....	3.15	Lingo, J. H.....	14.46
Lathrop-Davis Co.....	4.50	Lippert, John R.....	12.50
Lauer & Sons, E.....	224.31	Lippincott & Warner.....	261.78
Lauge, H. L.....	1.25	Little, J. D. & Co.....	33.75
Laughlin, John M.....	74.43	Little, J. D. & Co.....	400.00
Laurence, I. R.....	24.31	Lloyd, N. M.....	29.00
Law, Will.....	12.00	Lively, A. M.....	18.75
Lawson, D. V.....	40.00	Loa, Cooperative.....	6.49
Lawson, Henry.....	50.00	Lockwood, E. W.....	59.12
Lawson, Ovid.....	27.00	Lockwood, F.....	2.50
Lawson, Wm. B.....	18.00	Lockwood, Tim.....	50.00
Layton, J. C.....	45.00	Lockwood, T. J.....	95.75
Layton, Roy.....	57.50	Lockyer, E. M.....	15.00
Layton, W. H.....	125.00	Loffer, E. W.....	4.50
L. D. Store, The.....	22.00	Lofton, J. A.....	75.00
Lea, A. E.....	8.00	Loftus & Girard.....	603.20
Leadville Hardware Co.....	76.02	Logsdon, F. O.....	18.75
League.....	47.25	Logue & Bro., F. S.....	58.17
Leahy, Emmett.....	100.00	Lohti, Matti.....	15.36
Leavenworth Mercantile Co.....	168.03	Look, Bon I.....	248.04
Leba, Valentine.....	11.25	Loomis, N. T.....	100.14
Le Bean, Wm.....	100.00	Looney, Gaines H.....	35.50
Le Blanc, Fred.....	30.00	Long, L. J.....	21.56
Le Clair, James.....	55.00	Long, Roy.....	63.75
Lee, A. L.....	5.00	Long & Endsley.....	5.74
Lee, Alfred T.....	5.00	Lont, R. H.....	5.00
Lee, Elmer.....	22.50	Lopaz, Manuel.....	1.50
Lee, Francis N.....	35.00	Lopez, Egnacio.....	28.00
Lee, Frank.....	4.06	Lord, John G.....	28.00
Lee, Martin.....	98.50	Loring & Co.....	19.90
Lee, Robert E.....	12.50	Lost River Commercial Co.....	134.49
Lee, Thomas.....	62.63	Loucks, George.....	17.50
Lee, William.....	6.00	Loucks, George R.....	22.72
Leece & Watterson.....	48.00	Love, Della.....	36.00
Lehman, Frederick.....	107.37	Love, Merten.....	62.00
Leigh, H. B.....	41.75	Love, Jones & Co.....	39.27
Leinhard, Rudolph.....	56.00	Lovett, Sam.....	50.00
Lemay, P. O.....	9.00	Lovett, Sam M.....	300.00
Lemon, William.....	48.75	Lowder, Ernest.....	90.75
Lenoir, Lewis.....	87.75	Lowe, Jones & Co.....	185.62
Lentz, J. N.....	37.50	Lowell, A. C.....	101.80
Leon, Pedro.....	3.00	Lowell-Meservey Hardware Co.....	738.19
Leonard, Frank B.....	12.60	Lowrie, Houston.....	46.25
Leonard & Consius.....	141.23	Lowry & Shaw.....	30.65
Leonard, W. R.....	35.75	Loya Blas.....	3.00
Leopold, Andrew.....	15.00	Lubken, Mrs. M. L.....	10.00
Lester, B. B.....	40.00	Lucecock, J. P.....	5.00
Lester, S. A.....	146.79	Lude, Christian.....	188.00
Le Valley, Pearl.....	17.00	Ludlow, Edward A.....	72.50
Lever, Edward.....	15.40	Lucas, J. P.....	20.00
Lewis, Harry E.....	44.00	Lucas, L. E.....	20.00
Lewis, H. O.....	6.00	Lucero, Emiliano.....	14.00
Lewis, John D.....	45.00	Ludwig, George H.....	40.25
Lewis, J. E.....	19.58	Ludwick, J. L.....	7.75
Lewis, O. R.....	62.50	Lujan, Bonifacio.....	54.00
Lewis, William.....	7.50	Lujan, Damian.....	11.00
Lewis Bros.....	78.00	Lujan, Elisee.....	24.00
Lieb, E. P.....	25.00	Luman, F. M.....	22.50
Lightfoot, Hardie.....	56.00	Luman, John F.....	61.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount..
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lumsden, George F.....	\$71.50	McHugh, Pat.....	\$203.33
Lumsden, James J., Jr.....	74.25	McHugh, Thomas.....	69.00
Lund, August.....	2.50	McInelly, Ezra.....	26.00
Lund, Marion.....	6.00	McInelly, James I.....	52.00
Lund, William.....	6.00	McInroy, Joseph.....	118.50
Lundquist, John.....	21.00	McIntosh Hardware Co.....	13.82
Lusero, Eginio.....	9.00	McIntosh, Robert.....	13.35
Luster, James.....	36.00	McKee, John.....	16.00
Lutey Bros.....	17.65	McKee, S. L.....	6.75
Lydon, Mrs. Katie.....	21.00	McKeen, Hugh.....	8.00
Lyman, T. K.....	13.00	McKenzie, Dan.....	15.05
Lynch, Con.....	17.50	McKinley, A. B.....	3.75
Lynn, Alma.....	62.50	McKinley, Balc.....	3.75
Lynn, Arthur.....	11.25	McKinley, Custer.....	3.75
Lynn, Henry.....	22.50	McKinley, Lewis.....	3.75
Lynn, Kenneth.....	125.00	McKinley, W. L.....	3.75
Lynn, Ross.....	65.00	McKinney, C. H.....	32.00
Lyon & Garrett.....	134.14	McKinney, Young.....	2.00
Lythman, Cust.....	43.75	McKinnon, Alex.....	143.75
McAbee, Janie.....	41.63	McKinsey, W. O.....	22.75
McAbee, Jennie E.....	13.50	McKinstry, E. T.....	104.00
McAllister, C.....	37.00	McKirahan, A.....	49.50
McAllister, J. R.....	105.00	McKnight, James.....	116.42
McBee, Herlert.....	32.50	McKnight, James T.....	255.48
McBride, Frank.....	139.50	McKnight, John W.....	159.00
McCain, Willis.....	2.50	McKnight & Co., J. M.....	48.30
McCall, Claud M.....	88.50	McKunc & Wallace.....	64.16
McCall, Henry.....	23.00	McLachlan, D. H.....	66.00
McCall, J. H.....	12.50	McLain, J. S.....	7.50
McCallister, Amos.....	70.50	McLaren, George W., jr.....	139.25
McCann, Robert.....	13.50	McLaren, George, sr.....	33.00
McCardle, W.....	21.25	McLaughlin, James L.....	68.00
McCarley & Smith Mercantile Co.....	36.25	McLaughlin Tie and Timber Co. (Inc.).....	439.30
McCarrel, F. M.....	11.25	McLaughlin, U. G.....	43.75
McCarthy, Jeremiah.....	72.50	McLean, Alex.....	63.00
McCarty, Jay.....	53.44	McLean, A. H.....	59.50
McCasey, Joseph.....	14.00	McLean, C. S.....	28.00
McCauley, Chas. M.....	25.50	McLendon, Alexander.....	125.00
McCauley, T. V.....	1.50	McLeod, John.....	75.00
McCawley, Frank.....	37.00	McLeod, W. J.....	12.50
McCay, H. B.....	120.36	McMaster, Wm.....	92.50
McClain, Jno. J.....	74.38	McMillan, Wm.....	45.00
McClellan, Louis G.....	571.43	McMullan, R. J.....	146.00
McCloud River Lumber Co.....	596.56	McMurray, B. J.....	21.25
McClung, Peter.....	5.00	McNair, Louis.....	62.50
McClure, Edmund A.....	45.00	McNall, Filo.....	10.00
McClure, W. P.....	24.00	McNamara, D. C.....	60.75
McConnochie, Robert W.....	47.81	McNanney, Martin M.....	39.00
McCool, K. H.....	25.00	McNanny, M. W.....	82.50
McCoy, John.....	59.12	McNee, Robert.....	20.00
McCoy & Co., W. M.....	1.25	McNeill, Fred J.....	60.00
McCrea, Elias.....	2.25	McNerny, Daniel.....	26.25
McCready, C. B.....	31.96	McPhee & McGinnity Co.....	10.40
McCreery, Zina.....	8.00	McPherron, W. A.....	9.00
McCulloch, E. H.....	12.50	McQuarie, E. D.....	24.00
McCulloch, Henry.....	26.87	McQuae, O. J.....	10.73
McCulloch, Oliver.....	52.00	McRae, David.....	214.50
McDaniel, William.....	68.48	McRosie, Thomas.....	49.50
McDermott, Mary E.....	50.00	McShane Timber Co., J. H.....	121.03
McDonald, Glenn F.....	57.50	McTavish, Neil.....	51.00
McDonald, Joseph E.....	30.00	MacGlashan, C. P.....	102.12
McDonald, L. R.....	140.00	Mace, W. H.....	10.75
McDonald, Mart.....	33.65	Mackey, Bert J.....	29.00
McDougall, Randall.....	42.50	Mackey, Henry.....	44.00
McDowell, L. G.....	20.40	Mackay Lumber Co. (Limited).....	250.92
Mac Gillivray, R. W.....	114.00	Madary's Planing Mill.....	60.90
McGlashing, Lloyd.....	11.00	Maddeux Bros.....	5.50
McGlochlin, A. J.....	66.25	Madigan, Thomas.....	94.00
McGonigle, John.....	13.00	Madsen, Oliver.....	4.00
McGovern, Joseph P.....	10.00	Magee, Chas.....	122.75
McGowan, James.....	15.00	Maguffey, T. F.....	20.74
McGowan Commission Co.....	131.43	Mahl, Clans.....	41.25
McGrath, T. D.....	34.00	Mahnke, Henry.....	6.60
McGuffey, A. J.....	202.19	Mahoney, John.....	18.00
McGuinn, Patrick & James.....	200.00	Maier & Co., B.....	13.97
McGuinness, Henry.....	13.50	Main, W. B.....	25.53
McGuire, Henry.....	59.48	Maixner, A. H.....	14.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Malad Cooperative Co.	\$6.00	Meek, H. W.	\$3.30
Malad Lumber and Hardware Co.	198.20	Meinert, Andrew Z.	2.00
Malloy, Charles.	10.00	Meloy, Peter J.	145.65
Malmburg, John.	50.00	Melville, Dan.	27.00
Mancos Mercantile Co.	177.00	Melville, George W.	32.90
Manford, John.	19.00	Melville, W. H.	24.00
Mangum, Thomas L.	3.00	Meloy, James.	132.00
Mann, F.	142.50	Mendoza, J.	35.60
Mannerling, M.	27.00	Mentzen, Henry.	30.00
Manning, Hardware Co., C. C.	25.30	Menzel, August.	24.00
Mansfield, Murdock & Co.	14.85	Merced, Chas.	15.00
Manter, H. W.	172.24	Mergenthaler & Son.	28.53
Marales, Davis.	58.80	Merino, Manuel.	48.75
Marble, Guy.	9.00	Merlati, E. B.	4.00
Marcean, Peter.	36.00	Merneault, Exavier.	38.00
Marhenke, H.	74.00	Merrill, Fred.	83.50
Markende, H.	6.00	Methow Trading Co.	338.36
Markham, A. W.	105.00	Metropolitan Meat Market.	76.28
Marlatt, F. M.	150.00	Metz, Felix.	32.50
Marquis, N. Joseph.	20.00	Metzsch, Albert.	55.69
Marsh (Incorporated), George B.	31.68	Meyer, Herman.	47.36
Marshall, H. E.	61.23	Meyers, D.	57.00
Marshall, James.	31.87	Meyers, Lanie.	52.25
Marshall-Wells Hardware Co.	15.60	Meyson, F. P.	15.00
Martin, Adolph P.	12.50	Michel, I.	27.66
Martin, Ben P.	160.00	Michener, Thos.	22.40
Martin, Edward C.	195.11	Mikela, Alex.	11.25
Martin, F. A.	36.00	Milan, James.	40.80
Martin, Gaspard.	30.00	Miles Co., A. W.	167.21
Martin, John.	88.50	Miles, J. A.	15.00
Martin, Lucian W.	50.00	Miles, Z. C. & Piper Co.	16.10
Martin, Lee.	18.00	Micham, Harry.	10.00
Martin, R. E.	55.00	Millard, Mrs. E. B.	27.75
Martin, Stanley.	11.00	Millard, E. B.	87.25
Martin, T. C.	30.00	Millard, George.	77.50
Martin, T. K.	33.00	Millard, Victor.	141.50
Martin, W. C.	312.02	Miller, Brice.	105.00
Martineau, Fred.	38.00	Miller, Charley, jr.	38.50
Martinez, Desiderio.	51.50	Miller, Frank.	175.00
Martinez, Donaciano.	36.00	Miller, Geirsin.	159.25
Martinez, Juan Seladon.	20.00	Miller, George.	36.00
Martinez, Manuel S.	10.83	Miller, Grady.	93.00
Marvel, Edward.	41.00	Miller, Gust.	10.00
Mason, Joel J.	25.00	Miller, G. W.	299.00
Mason, L. H.	42.05	Miller, Harry E.	94.85
Mason, Shorty.	15.00	Miller, Horace.	20.00
Mason, T. V.	12.50	Miller, Ira.	28.75
Masterson, Thomas F.	100.00	Miller, J.	47.50
Matejka, Adolph A.	121.50	Miller, J. L.	42.50
Mathas, Charles.	52.50	Miller, John.	177.62
Matheny, Mark.	8.25	Miller Mercantile Co., The.	7.36
Mather, Edwin A.	8.50	Miller, Oscar.	103.75
Mathewson, Chester.	67.50	Miller, Ray.	46.87
Mathias, Charles.	23.00	Miller, Mrs. R. H.	3.00
Mathias, Royal F.	6.66	Miller, Wm.	39.50
Mathis, Jacob.	32.50	Millett, Shuppy & Myles.	3.60
Matthews, L. L.	106.25	Mills, J. C.	61.50
Matson, E.	46.25	Milne, John.	5.00
Matson, Matt.	3.00	Milne & Milne.	9.32
Matson, Tanaso.	6.00	Minchey, Jacob.	8.50
Matson, Thomas.	54.00	Minchey, Wm.	33.75
Matteson, Curtis.	198.50	Miner, Charles A.	62.50
Maupin, John.	62.60	Miner, John C.	81.00
Maxmer, A. H.	20.00	Minor, Harry.	39.00
Maxson, Charles N.	17.75	Miser, William.	71.00
Maxwell Bros.' meat market.	2.00	Missoula Mercantile Co.	2,136.85
May, Lawrence.	39.00	Mitchell, Clive.	3.00
May, Lester.	9.00	Mitchell, John.	58.65
May, W. J.	27.00	Mitchell, Robert.	140.00
Mayer, B.	6.10	Mitchell, T. E.	2.25
Mayer, Charles.	25.00	Mitchell & Co., Thos. J.	10.45
Meador, Carl.	77.50	Mitts, Jacob C.	16.25
Meadows-Warren-Rosevelt Telephone Co. (Limited).	15.00	Mix, Mrs. F.	18.00
Meagher, Joe.	9.00	Moak, Robert R.	30.00
Mears, Chas. I.	161.10	Mockenhaupt, A.	8.00
Meacham, Elmer B.	16.89	Modoc Co. Cooperative Association.	170.22
		Mogollon Mercantile Co.	153.93

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Molla, Ramon.....	\$28.00	Murden, Oscar.....	\$26.00
Mondragon, Juan Antonio.....	40.00	Murdock, A. M.....	71.97
Monges, Ramon C.....	41.25	Murphy, Cleve.....	11.25
Monreal, G.....	85.00	Murphy, Frank.....	3.00
Monroe, James.....	15.00	Murphy, J. J.....	12.50
Monroe, Thomas.....	85.50	Murphy, J. L. & Leon.....	40.75
Monrovia Hardware Co.....	9.80	Murphy, J. P.....	11.00
Montague, C.....	4.00	Murphy, J. W.....	47.50
Montana Anchor Fence Co.....	237.76	Murphy-Maelay Hardware Co.....	40.60
Montana Electric Co.....	1,226.53	Murphy, Thos.....	39.00
Montana Hardware Co.....	31.05	Murphy, W. A.....	33.00
Montana Lumber Co.....	263.30	Murray, Alice.....	76.00
Montana Trading Co., The.....	48.40	Murray, Earl.....	20.00
Montano, Polinario.....	4.00	Murray, J. J.....	33.00
Monte Vista Meat Market.....	31.50	Murray Coal and Lumber Co.....	433.09
Montgomery, George.....	48.75	Murray, James J.....	26.25
Montgomery, L. B.....	121.25	Murray, M. E.....	79.85
Montierth, A. B.....	47.66	Murray, R. H.....	39.88
Montoga, Miguel.....	23.50	Murray, Victor.....	32.50
Moody, A. E.....	58.17	Murray, Walter.....	25.03
Moore, Edward, sr.....	25.00	Murray, Wm.....	57.63
Moore, Frank H.....	27.55	Murray Hardware Co.....	14.75
Moore, Frank J.....	151.37	Murry, George.....	22.00
Moore, George.....	36.00	Muzzall, Alex.....	11.00
Moore, George F.....	2.75	Muzzall, H. W.....	12.50
Moore, G. W.....	37.72	Myers, Delbert W.....	10.50
Moore, J. A.....	26.00	Myers, Frank A.....	75.00
Moore, J. H.....	45.00	Naborro & Owen.....	390.00
Moore, J. S.....	12.50	Najar, A.....	68.00
Moore, S. A.....	8.25	Nakagawa, S.....	1.50
Moore, W. S.....	28.00	National Electric Supply Co.....	1,400.00
Moore Boat Works.....	1,572.50	National Lumber Co.....	771.23
Moore Company, The.....	210.55	Naylor, Allen.....	16.88
Moore Hardware and Implement Co.....	45.00	Neal & Phipps.....	36.80
Morales, Dario.....	4.80	Nehrmeyer, E. J.....	26.25
Moresi, Peter.....	75.00	Neihart Mercantile Co.....	127.84
Morgan, A. H.....	9.00	Neilson, Hyrum.....	70.16
Morgan, H. Carl.....	50.00	Neilson's Cash Store.....	35.85
Morgan, Harry N.....	17.50	Neitzling, Falda.....	192.50
Morgan, J. F.....	152.52	Nelson, Andrew.....	16.12
Morgan, J. P.....	22.50	Nelson, Carl J.....	24.75
Morine, S. F.....	66.50	Nelson, Eric O.....	30.00
Morino, Manuel.....	46.25	Nelson, John.....	200.00
Morris, Clifford A.....	40.00	Nelson, John T.....	2.80
Morris, David.....	4.00	Nelson, J. P.....	85.50
Morris, Frank.....	30.00	Nelson, L. A.....	15.00
Morris, G. E.....	6.00	Nelson, Martin.....	26.00
Morris, H. S.....	35.00	Nelson, N.....	30.00
Morris, James E.....	48.00	Nelson, Osca.....	15.00
Morris, John.....	47.50	Nelson, P. C.....	129.45
Morris, Paul.....	29.00	Nelson, Victor.....	14.00
Morris, Walter.....	19.50	Neptune, Bert.....	37.50
Morris, William B.....	56.25	Nesphal, Henry.....	1.75
Morrison, Chas. W.....	52.50	Neuhaus, T. F.....	51.25
Morrison, James.....	53.00	Nevers, Edward, jr.....	7.50
Morrison & Lash.....	37.50	Newbold, A. E.....	80.15
Morrison, Merrill & Co.....	232.96	Newcomb, Archie.....	52.50
Morse & Co., C. C.....	7.00	Newell, Esma A.....	5.00
Morton, H. R.....	8.95	Newell, George.....	52.50
Moseley, Dan.....	40.00	Newland, Chas.....	45.93
Moseley, S. L.....	24.75	Newman, John C.....	18.75
Moses, L. V.....	70.50	Newport, Lee C.....	12.50
Mossman, John T.....	195.00	New York Dry Goods Co.....	14.00
Mossman, W. O.....	25.00	New World Reduction and Power Co.....	42.00
Mow, Ben.....	48.00	Nibley-Minnaugh Lumber Co.....	15.30
Mowry, Earl.....	72.00	Nichols, Chas.....	39.00
Mueller, William.....	222.47	Nichols, George.....	26.00
Muellman, Alex.....	33.00	Nichols, H. O.....	281.45
Muellman, Otto.....	33.00	Nichols, Milas.....	36.87
Mulkey, W. A.....	54.00	Nichols, R. A.....	63.33
Mullany, Anthony.....	76.50	Nichols, W. J.....	9.75
Mullen, Leo.....	8.00	Nicholson Hardware Co.....	71.39
Mullison, John H.....	127.00	Nielsen, M.....	17.50
Mundorf Mercantile Co., The.....	7.65	Nielsen, Oluf G.....	10.95
Munsell, Glenn X.....	94.50	Noddin, Ralph.....	40.50
Muntweiler, Casper.....	107.25	Noddin, Vivian C.....	30.00
Murray, Wm.....	61.87	Noel, Joe.....	60.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Noel, J. T.	\$26.00	Pacific Tent and Awning Co.	\$8.50
Nedlinger, Martin	120.00	Pacific Transfer Co.	1.70
Noonan, Patrick	15.00	Packer, Nephi T.	47.00
Norman, Frank	49.44	Paden, Emerson	45.00
Noro, Walter	63.00	Padfield, Bertie	12.00
Norris, Robert L.	73.50	Padilla, Antonio	16.00
Norris, R. L.	25.00	Padilla, C.	68.00
North, Arthur	36.00	Padilla, Pable	57.00
Northern Lumber Co.	8.00	Page, E. R.	120.00
Northern Mercantile Co. (Limited)	131.90	Page, James J.	20.00
Northern Redwood Lumber Co.	209.42	Page, Wm.	3.00
Northrup, W. P.	15.60	Pagella, Louis	52.50
Nottingham, Lee	7.50	Painter, William	7.50
Nuell, P. O.	25.80	Paisley Mercantile Co.	285.77
Nultene, Svan	30.00	Palace Drug Co.	6.30
Nye, F. J.	67.50	Palace Hotel	59.50
Oakes, Frank	26.25	Palmdale Lumber Co.	29.98
Oakley Cooperative Store	6.39	Palmer, Chester W.	177.20
O'Connell, John	75.00	Palmer, N. Z.	7.50
O'Connor, Thos. F.	15.00	Panguitch Equitable Association	
O'Driscoll, Isaac	12.00	(Limited)	14.05
Oetjens, Gust	75.00	Parish, S. B.	15.00
Officer, L. S.	26.00	Park, Hugh	155.24
Ogram, John W.	30.00	Park, W. N.	9.10
Ole, Richard	19.60	Parker, F. H.	65.00
O'Kelly, L.	34.50	Parker, George V.	7.50
Olcott, & Nutting	138.00	Parker, Harry	136.04
Oldland Co., A.	249.59	Parker, J. R.	31.50
Olds Gas Power Co.	244.42	Parker, John T.	120.50
O'Leary, J. V.	233.82	Parker, Mark	5.00
O'Leary, Ralph S.	9.00	Parker, R. B.	88.50
Oleson, Axel	25.00	Parkinson, Thomas	40.50
Olin, Henry	5.00	Parkinson, Walter	108.00
Olliphant, Jas. A.	2.50	Parks, J. C.	28.00
Olliphant, Ralph Wm.	27.50	Parks, Sam	23.75
Oliver Typewriter Exchange	3.00	Parnay, Mardig Y.	17.25
Olsen & Co., C. T.	11.15	Parowan Equitable Cooperation	9.00
Olson, C. L.	193.75	Parrish, C. M.	13.86
Olson, Edward	46.00	Parrish Co., C.	15.00
Olson, Ignar	30.00	Parry, W. B.	9.15
Olson, John	102.00	Parry, W. E.	247.90
Olson, John, No. 1	49.75	Parsons, C. D.	22.50
Olson, John, No. 2	47.50	Parsons, Edward	6.00
Olsson, Axel	21.00	Partridge, Frank	136.25
O'Neil, James	48.50	Pasadena Hardware Co.	10.30
O'Neil Lumber Co.	129.85	Pasadena Furniture and Carpet Co.	4.60
Ono, T.	1.50	Pate, John	42.00
Orangeville Cooperative	10.50	Pate, Lum.	39.00
Oregon Gold Mining and Water Power		Patrick, C. R.	8.75
Co.	15.33	Patten, C. H.	7.35
Orr, Jeff	4.00	Patten, James	17.50
Orr, J. L.	286.90	Pattan, K.	45.12
Orr, Mrs. Lola	3.50	Patterson, Nels R.	10.26
Ortega, Abel	2.40	Patterson Co., The	263.30
Ortega, Antonio	2.40	Pattison, Wm. A.	15.00
Ortega, Delfedo	9.00	Patton, J. W.	34.00
Ortega, Eustacio	4.80	Paul, A.	44.50
Ortega, Jose M.	4.80	Paul, Leonard	336.64
Ortega, Santiago	4.80	Paul, E. R.	4.20
Ortiz, Herculano	4.10	Paulson, Andy	225.00
Ortiz, Romualdo	1.45	Payette Lake Milling Co.	18.89
Orvis, L. W.	65.05	Payne, Clinton B.	15.00
Osborn, Curtis	72.91	Payne, Frank J.	36.00
Osborn, Vest	76.50	Payne, Mary	75.00
Ott Hardware Co.	16.90	Payne, Thomas B.	83.80
Otto, Herman	48.00	Payne, T. J.	46.75
Ouren, George E.	10.00	Peabody, John H.	147.50
Overturf, Frank H.	87.00	Peach, Henry	25.00
Owen, C. M.	229.20	Peachey, E. C.	44.00
Owenhouse Hardware Co.	124.75	Peacock, B. J.	6.05
Owens, Elbert C.	69.50	Peacock, Lynn	12.00
Oxley, Mrs. E. R.	167.70	Peal, Steve	131.25
Owens, Evan W.	10.25	Pearson, C.	54.00
Owings, W. A.	59.25	Pearson Mercantile Co.	34.05
Oxley, E. R.	24.50	Peasley Transfer Co.	5.75
Pachen, George	172.50	Peck, A. L.	20.00
Pacific Telephone and Telegraph Co.	227.84	Peck, Ray	7.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Peck, W. H.	\$27.70	Porter, J. L.	\$49.25
Peck, W. O.	76.00	Porter-Obert Hardware Co.	190.92
Peckinpah, C. M.	32.17	Porterfield, Joseph	17.50
Peckinpah Lumber Co.	92.45	Porterville Lumber Co.	93.80
Pell, Emil.	20.00	Portland Mercantile Co.	22.05
Pemberton, J. L.	18.00	Post, A. H.	45.00
Penrod, E.	10.00	Post, Alex J.	14.50
People's Equitable Association	5.00	Poston, Uri L.	36.25
People's Lumber Co.	9.15	Potier, Andrew	57.00
Perdue, L. L.	10.22	Potlatch Lumber Co.	149.53
Perez, Daniel	20.00	Potts, A. J.	49.00
Perkins, George C.	5.63	Powell, O. C.	42.00
Perkiss, Arthur E.	34.00	Powell, S. C.	28.75
Perras, S.	20.00	Powers, R. L.	45.94
Perry, Joseph	25.88	Prater, James T.	53.75
Pepper, Charles	33.50	Prather, David	55.00
Peters, Lyman	31.25	Pratt, Lorum, jr.	56.00
Peters, P. G.	10.23	Pratt, O. Phelps	6.14
Peters, R. K.	1.50	Pratt, Oscar W.	76.56
Peterson, A.	30.00	Prayton, Thomas W.	65.24
Peterson, Bert.	6.00	Preston, E.	26.00
Peterson, C. A.	63.00	Preston & Hales	5.34
Peterson, E. B.	108.00	Priault, C. E.	34.87
Peterson, Frank L.	50.00	Price, Frank	36.00
Peterson, Mrs. Lehi.	26.50	Price Hardware Co.	75.34
Peterson, P. F.	156.85	Price, Orlando	2.52
Petit, F. P.	48.00	Pridemore, L. A.	13.75
Pettran, Jos.	23.00	Prince, Jos. O.	25.00
Petrie, J. P.	2.50	Pringle, Charles	5.00
Petty, Henry	68.00	Printz, Fred	72.00
Petty, J. H.	100.50	Prior, T. J.	32.00
Phares, B. G.	24.00	Probert, Wm. M., jr.	24.15
Pyke, F. M.	28.00	Proctor, Carl	23.13
Phares, Clayton L.	96.00	Pronovost, Jos.	70.00
Phillips, Wm.	38.50	Proulx, I. J.	29.80
Phoenix, V. D.	117.00	Prouty, C. H.	84.94
Pickerell, Leon	56.00	Prouty, J. A.	56.25
Pickering, A. L.	28.00	Prouty, J. B.	11.25
Pico, Mrs. Avery K.	350.00	Provost, Frank	43.00
Pierce, Charles	135.50	Pugsler, Earnest	223.00
Pierce, Cyrenus	106.25	Puncho, Raffal	2.00
Pierce, E. A.	9.00	Purdin, C. H.	111.00
Pierce, Edward	25.00	Purdy, A. C.	75.00
Pierson, Adaline	6.72	Purdy, Mrs. A. C.	15.00
Pierson, Victor	6.00	Purdy, Harvey	42.00
Pierstoff, Lester L.	7.00	Purple, B. C.	27.00
Pike, A. F.	9.00	Purtyman, S.	42.00
Pine, Fred	20.00	Purtymun, J. E.	47.00
Pine, F. W.	3.00	Putnam, Fred L.	22.50
Pine Mercantile and Stage Co.	133.54	Putney, L. B.	26.29
Pine River Lumber Co.	41.45	Quesada, A.	97.86
Pinetop Shingle Mill Co.	24.00	Quesada, V.	97.20
Pinkerton, H.	52.00	Quiggle, Earl	94.50
Pinkerton, J. A.	33.50	Quiggle, J. W.	75.00
Pinkerton, Thomas R.	47.50	Quigley, Ed.	50.00
Pinkerton, Wm. E.	76.70	Quigley, Thomas	25.00
Pino, Miguel	3.00	Quinoners, Jesus	56.00
Pioneer Mercantile Co. (Limited)	365.80	Quintana, Antonio	3.25
Pioneer Livery Barn	15.00	Quintana, Maximo	12.00
Pioneer Meat Market	5.50	Quittenbaum, Ernest	82.00
Pioneer Supply Co.	8.27	Radigan, Arthur	70.48
Pitts, C. C.	49.53	Raidin, C. M.	56.00
Pitts, D. W.	11.00	Rainey, Robert	4.00
Pitts, O. C.	11.47	Raiveley, Harry	48.00
Place, D. L.	53.00	Rak, Charles L.	8.00
Plumas Commercial Co.	16.20	Ralston, S. F.	350.00
Plummer, F. M.	328.32	Ralston, W. A.	60.00
Polson Bros. Mercantile Co.	43.00	Rambo, A. H., jr.	8.00
Pollard & Co., C. L.	77.71	Rambo, Ben.	38.75
Pond, Mrs. Ethella	3.13	Ramey, J. H.	59.50
Pool, Irvin	34.00	Ramshaw, E. J.	87.50
Poole, C. A.	17.64	Ranch Supply Co.	558.05
Poole & Bro., C. A.	115.45	Rand-Dagg Mercantile Co.	200.68
Popejoy, B. W.	7.75	Randler, A. E.	26.00
Popejoy, Edward	60.00	Randle, Matt.	200.78
Porter, Charles W.	16.50	Randolph, Frank	9.00
Porter, Frank	38.75	Ranerd, Albert	36.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Rankin, C. W.	\$15.00	Richardson, G. H.	\$3.50
Rankin, J. C.	14.00	Richardson, Oscar.	26.75
Rasmussen, Frank.	59.62	Richardson, S. H., jr.	21.00
Rasmussen, N. P.	76.12	Richtmyer, Ruel.	61.00
Rathbone, R. M.	44.00	Richtmyer, W.	42.00
Rathbun, Grier.	36.25	Rico Hardware Co., The.	19.90
Rauch Supply Co.	34.21	Ridenour, Emsley.	43.00
Rause, Charles.	57.00	Rider, J. L.	82.00
Ray, Charles.	7.50	Rideout, E. Howard.	17.50
Ragmond, D. F.	51.00	Rigby, James.	15.00
Raynor, Henry.	15.00	Riggs, William.	57.50
Rayome, W. W.	57.40	Rightenour, Earl E.	40.50
Rea & Co., Thos. H.	27.55	Riley, James.	30.00
Read, Felix E.	15.00	Riley, J. C.	42.50
Recks, Frank C.	102.50	Rineau, Fred.	8.75
Reder, August.	118.50	Rinehart, G. A.	6.00
Redmon, Herbert.	52.00	Rinehart, H. C.	47.78
Redmon, H. T.	42.50	Ritter, W. E.	7.50
Redway Co., W. H.	70.98	Rivera, Albert A.	12.18
Reed, Clarence.	70.00	Robbins, C. O.	74.63
Reed, Floyd.	15.00	Robbins, F. W.	92.50
Reed, Frank.	24.00	Robbins, Lee.	65.00
Reierson Machinery Co.	139.23	Robbins Transfer Co.	10.50
Reedy, James.	29.00	Robbs, Bart S.	23.62
Reese, J. L.	101.50	Robbs, George W.	87.75
Reese, Martin.	14.00	Roberts, H. M.	2.50
Reeves, E. H.	245.31	Roberts, J. W.	12.00
Reeves, Meritt.	24.00	Roberts & Leahy Mercantile Co.	85.00
Regan, M. A.	52.98	Roberts, Lewis.	95.62
Rehn, E. L., Co.	2.00	Roberts, P. E.	34.50
Rejce, Martin.	14.00	Roberts, Thos. H.	4.00
Reichman Mercantile Co.	16.25	Robertson, C. W.	137.98
Reid, Percy.	43.64	Robertson, James M.	99.60
Reid, R. A.	9.00	Robertson, F. B.	125.70
Reid, R. W.	15.00	Robertson, V. M.	71.00
Reid Hardware Co.	13.95	Robichau, Joe.	32.50
Reiners, John A.	111.53	Robinett, D. Z.	5.00
Reliable Transfer Co.	.50	Robins, Emmett.	56.12
Remler, L. C.	11.07	Robinson, George.	12.50
Renaud, Charles M.	451.80	Robinson, O. A.	7.00
Renfro & Renfro.	23.65	Robinson, T. A.	73.13
Renshaw, Jacob.	16.00	Robinson, Wm. D.	56.92
Rentfrow, B. W.	1.25	Robison, Lester S.	95.62
Republic Meat and Ice Co.	16.38	Robran, George F.	83.00
Republic Livery and Transfer Co.	8.50	Rochester Hotel.	1.05
Republic Livery and Transfer Stable.	2.75	Rock Springs Lumber Co.	12.50
Reserve Grocery Co.	3.70	Rocky Mountain Bell Telephone Co.	111.60
Reyes, Jacinto D.	3.00	Roclair, Charles.	55.00
Reyes, Rudolph.	18.00	Roderus, Wm. C.	7.50
Reynolds, Alonzo.	18.00	Rodriguez, Basilio.	22.00
Reynolds, J. H.	31.00	Rodriguez, Demetris.	30.00
Reynolds, Ira A.	15.00	Rodriguez, Edd.	43.00
Reynolds, Lawrence J.	75.00	Rodriguez, Pedro.	56.25
Reynolds, O. E.	15.00	Roe, R. W.	56.00
Reynolds, R. O.	36.19	Rogers, Al.	37.50
Reynolds, Robert.	18.00	Rogers, C. H.	12.56
Reynolds & Co., S. H.	35.15	Rogers, E. E.	9.62
Rhein & Co., W. H.	1.30	Rogers, G. W.	27.00
Rhine, Bertrano.	27.33	Rogers, John.	51.00
Rhine, H. C.	9.25	Rogers, John L.	32.50
Rhodes, Chas.	80.50	Rogers, Roy E.	9.62
Rhodes, George R.	7.50	Rogers, W. E.	83.50
Rhodes, J. R.	152.50	Rogue River Electric Co.	7.45
Rhodes, Leonard.	33.50	Rohel, Philip.	45.00
Rhodes, Minnie.	22.00	Rolfson, Nels.	30.00
Ria, C.	60.80	Roller, Frank.	199.50
Riberdy, Ed. F.	147.75	Romero, Elroy.	18.00
Rice, A. W.	27.00	Romero Mercantile Co.	24.18
Rice, George.	42.50	Romey, August.	37.20
Rice, William.	7.70	Rood, Peter.	72.25
Richardson, C. W., & McDougal, G. W.	195.13	Rose, C. N.	831.72
Rich, H. E.	20.00	Ross, Ed.	28.00
Richards, C. W.	5.53	Ross, Ernest.	56.25
Richards, Edward.	60.00	Ross, George S.	18.75
Richardson, E. C.	20.00	Ross, James.	39.00
Richardson, G. P.	12.38	Ross, J. M.	20.00
Richardson, G. W.	45.00	Ross, J. S.	26.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Ross, Pitt.	\$15.00	Sartor, M. H.	\$182.50
Ross, Robert.	3.20	Sasik, Jo.	89.87
Rossiter, S. T.	37.50	Sauert & Co., M. E.	11.25
Roswell Hardware Co.	208.80	Sauk Shingle Co.	56.83
Rouley, Thos.	6.25	Savage, J. M.	7.50
Rounds, F. E.	6.15	Sawtelle, Dan A.	28.50
Round Valley Commercial Co.	21.85	Sawyer & Evans.	3.30
Roundy, Arthur C.	69.00	Sawyer, Jas.	10.70
Roundy, W. A.	64.50	Say, Arthur P.	32.00
Rousseau, Sol.	10.00	Sayles, E. D.	30.00
Roussy, John.	42.50	Sartor, J. W.	36.00
Rowe, George W.	3.60	Sayre-Newton Lumber Co.	121.85
Rowe, Sanford.	120.27	Scadden, Walter.	82.00
Rowin, George L.	19.50	Scanlon, O.	75.00
Roybal, Candido.	5.25	Scanlon, Mrs. O.	51.75
Rucker, J. E.	54.00	Scanlon, Oliver.	60.00
Rucker, Wiley.	13.75	Schabl el, Bros.	6.25
Rued, Martin H.	21.00	Schaeffer & Morrison.	114.50
Ruelas, Feliz.	24.25	Schallhorn, F. W.	15.00
Ruffner, George C.	10.00	Schalow, George A.	10.09
Rugsley, Mrs. L. F.	5.00	Schantz, P. C.	7.00
Ruland, E. S.	25.00	Schell, Isadore.	22.00
Rumsey, Chas. B.	32.50	Schenk, Paul.	72.80
Rummel, Mrs. J.	5.00	Schenssier, Robert W.	12.57
Rush, Hamilton.	18.00	Schick, W. J.	300.00
Rusk, Orville D.	18.75	Schmid, George.	14.25
Russell, George W.	16.87	Schmidt, Claus.	22.65
Russell, Joseph B.	110.00	Schmidt, J. B.	25.00
Russell, Mrs. W. A.	14.28	Schmitt, A. V.	59.78
Russell, W. B.	12.04	Schnebey, D. E.	128.75
Rust, Albert.	92.25	Schneider & Close.	20.30
Rust, Henry.	166.75	Schockey, Clyde.	57.50
Ruth, Harvey J. H.	43.75	Schrader, Walter H.	123.00
Ruth, S. W.	51.25	Schraner, Emil.	57.94
Rutherford, Harvey.	3.80	Schreiber, A. W.	47.78
Ryan & Co., D. W.	47.87	Schreiner, H. J.	48.68
Ryan, Edwin C.	50.00	Schuer, Hugh.	10.00
Ryan, Peter.	46.75	Schuer-Knox Co.	509.11
Ryan, Wm.	50.00	Schuete, Frank.	79.00
Ryder, Wm. J.	47.00	Schultz, J. G.	73.75
R. & W. Electric Co.	40.00	Schumacher, Wm.	128.33
St. Anthony Building and Manufac- turing Co. (Limited).	70.45	Schwartz, J. C.	87.75
St. Paul and Tacoma Lumber Co.	18.09	Scipio, G. C.	29.28
St. Peter, Joe.	120.50	Schuster, A. & B.	88.70
Saginaw and Manistee Lumber Co.	469.92	Scott, George W.	105.00
Saint, B. F.	13.00	Scott, Hiram.	63.00
Sais, Doroto.	4.00	Scott, John.	130.00
Salas, Tioflo.	78.50	Scott, Merton R.	79.00
Salina Cooperative.	113.36	Scott, Robert R.	84.00
Salina Meat and Supply Co.	164.55	Scott, Wilbur T.	40.00
Salina Mercantile Co.	5.00	Scott Transier Co.	6.00
Salina Sawmill Co.	104.67	Seuliy, John.	28.00
Salinas Valley Lumber Co.	767.48	Seaman & Perry.	22.15
Salisbury, Freeman.	15.75	Searles, H. A.	41.25
Salisbury, Walter E.	46.00	Searles, W. S.	63.75
Salt Lake Hardware Co.	1,368.70	Sears, S. S.	91.84
Saltese Supply Co.	7.10	Sease, W. F.	20.00
Sampson, John R.	3.25	Seckner, James L.	72.50
Sammerson, Sam.	3.00	Sedillo, Augustine G.	4.00
San Bernardino Hardware Co.	61.10	See, F. V.	5.00
San Bernardino Lumber and Box Co.	80.17	See, Samuel.	32.50
Sanborn, Henry L.	52.75	Seever, C. E.	5.00
Sanches, Manuel.	46.00	Segondo, Jose.	12.00
Sanden, H.	92.50	Seissan, Allen B.	12.50
Sanders, Harvey.	27.50	Semenza, Barto.	2.25
Sanders, John R.	11.25	Serrano, Antonio.	15.00
Sanderson, Lonnie.	31.50	Serrano, Clodotes.	12.75
Sanderson, Nels.	8.40	Serrano, Henriques.	17.25
Sanderson, W. D.	88.50	Service, Samuel.	41.55
Sanford, C.	13.12	Service, Tom.	24.00
Sanford, Chas. B.	41.00	Service, W. T.	72.00
San Juan Lumber Co.	418.97	Sesmas, Ed.	42.50
San Luis Implement Co.	180.33	Sessions, Joe.	30.50
Santa Fe Hardware and Supply Co.	3.00	Setler, George.	6.00
Sarata Lumber and Supply Co.	306.32	Sevier, Jesse M.	26.50
		Seymour, Harry A.	45.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Sgoholm, Oscar.....	\$12.38	Sisson, A. B.....	\$15.00
Shade, H.....	57.50	Sisson, F. J.....	1.25
Shafer, P. W.....	12.50	Sitterud, George.....	34.00
Shaffer, Alfred.....	163.12	Sitton, Jerry.....	7.30
Shaffer, Charles A.....	52.50	Skalet, O. O.....	140.14
Shakespeare, Brandon.....	60.00	Skatrud, I.....	148.75
Shakespeare, Joseph D.....	25.00	Skinner, C. W.....	39.67
Shamley, F. J.....	62.00	Skousen, Erastus.....	50.00
Sharp, Clarence.....	64.00	Slack & Lane.....	65.86
Sharp, Harry.....	14.00	Slane, Ray.....	34.00
Sharpe, W. F.....	43.00	Slaughter, Harry.....	36.50
Shatterck, Charley.....	60.00	Slayton, Clare F.....	36.00
Shattuck & Wimmco Warehouse Co.....	49.85	Slee, W. W.....	57.25
Shaughnessy, John O.....	2.00	Sleight, J. F.....	53.75
Shaughnessy, Wm.....	42.12	Slyder, Charles A.....	10.00
Shaw, James.....	183.25	Small, R. W.....	9.00
Shaw, J. M.....	28.00	Smart, Bert.....	25.00
Shaw, Robert J.....	12.50	Smeat, Brig.....	12.37
Shaw, Sherman.....	57.60	Smeed Bros.....	110.10
Shaw, Thos.....	27.50	Smiley, Thomas.....	35.00
Shay & Fairholm.....	3.00	Smith, Albert William.....	8.75
Shea, Mike.....	39.00	Smith Bros. Lumber Co.....	25.80
Shearer, Will.....	38.00	Smith, Chas.....	16.25
Sheehan, John F.....	98.00	Smith, C. B.....	49.25
Sheldon, L. A.....	17.00	Smith, C. E.....	71.25
Shell, Combs & Co.....	30.86	Smith, C. L.....	15.00
Shelton, J. T.....	26.00	Smith, Charles W.....	102.50
Shelton, Lee.....	117.50	Smith, Earl.....	24.13
Shepard, C. E.....	44.00	Smith, E. D.....	84.70
Shenon Hardware and Implement Co.....	7.50	Smith, E. H.....	435.00
Sheridan Lumber Co.....	94.39	Smith, Frank.....	12.00
Sherman, John.....	15.00	Smith, Fred C.....	90.00
Sherman & Reed.....	54.50	Smith, Fred H.....	94.50
Sherrell, Albert, M. D.....	18.35	Smith, Glen A.....	15.50
Sherwin, K. B.....	30.00	Smith, Harry.....	28.75
Shields, Linus L.....	50.00	Smith, H. B.....	160.95
Shields, Margaret J.....	20.00	Smith, Harry B.....	84.00
Shinkle, Fred.....	22.00	Smith, H. L.....	17.50
Shinkle, William.....	48.40	Smith, Janet.....	5.67
Shinn, Julia T.....	16.66	Smith, J. E.....	1.50
Shipman, G. W.....	75.00	Smith, James R.....	66.00
Shive, John.....	96.80	Smith, James X.....	118.50
Shoberg, Albert.....	16.50	Smith, John H.....	60.00
Shoberg, Earnest.....	18.00	Smith, John W.....	43.50
Short, E.....	52.00	Smith, Jos. E.....	23.75
Short, Lorenzo.....	65.33	Smith, Joseph J.....	20.00
Short, L. D.....	78.75	Smith, J. T.....	26.00
Shostone Electric Light and Power Co.....	16.00	Smith, Levi.....	85.00
Shotwell, E. E.....	83.39	Smith, Martin.....	24.00
Showalter, J. M.....	94.45	Smith, Owen.....	69.00
Shrader, D. W.....	8.40	Smith, O. W.....	3.00
Shryock, J. A.....	20.00	Smith, P. L.....	17.50
Shriner, B. W.....	54.40	Smith, Robert.....	75.22
Sillers, Thos.....	26.00	Smith, Samuel.....	65.00
Silgen, Thos.....	50.25	Smith, Solomon.....	82.50
Silvester, Gusti.....	14.25	Smith, Walter M.....	6.00
Sim, May.....	27.00	Smith, W. A.....	71.75
Simcox, John.....	24.00	Smith, W. H. B.....	68.00
Simkins, Angus L.....	22.50	Smith, W. L.....	88.00
Simmons, E. Earl.....	69.00	Smith, W. N.....	51.15
Simons, C. H.....	5.00	Smith Lumber Co., A. B.....	79.35
Simons & Miller.....	5.35	Smith Co., W. T.....	198.60
Simpson, Adolph.....	79.50	Smith & Co., T. B.....	6.16
Simpson, Howard.....	78.75	Smithies, Frank.....	44.00
Simpson, James S.....	77.50	Smithson, Thomas.....	51.00
Simpson, L. C.....	31.25	Smout, W. T.....	89.65
Simpson, Sarah P.....	68.75	Snake River Lumber Co.....	36.74
Simpson, Thomas H.....	81.80	Sneath, Lewis.....	1.74
Sims, D.....	8.50	Sneed, Frank.....	51.25
Sinclair, George W.....	122.50	Sneider, John M.....	19.25
Sinez, Martin.....	33.00	Snider, H. R.....	4.00
Si Ting.....	8.75	Snow, Ellis B.....	17.50
Singleton, Burr.....	20.00	Snow, John.....	12.50
Singleton, Harry.....	42.00	Soash, Harry.....	12.00
Sipila, Matt.....	17.50	Sockerson, Fred.....	125.06
		Sonumer, Morris.....	89.94

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Sorenson, Erastus.....	\$87.50	Stevens, George B.....	\$5.00
Sorenson, Jos.....	14.00	Stevens, H. A.....	63.94
Sorenson, Joseph F.....	99.25	Stevens, H. H.....	60.62
Soto, Jose L.....	2.00	Stevens, L. R.....	60.50
South, Dock F.....	54.90	Stevens, Montague.....	103.22
Southard, Harry.....	31.32	Stevens, W. M.....	13.00
Southern, E. T.....	19.75	Stevensville Mercantile Co.....	6.40
Southern Oregon Supply Co.....	307.95	Stewart, A. D.....	17.50
Southern Stage Co.....	56.67	Stewart, Calvin.....	59.00
Southern Utah Equitable.....	11.70	Stewart, C. R.....	56.00
Sovy, G. R.....	27.00	Stewart, E. L.....	17.00
Spain, Charles S.....	75.00	Stewart, Theodore E.....	49.00
Spann, Payton.....	7.00	Stidham, I. C.....	12.00
Sparks Bros.....	3.80	Stiesvig, T. E.....	11.00
Sparks, J.....	7.00	Stigen, L. P.....	57.74
Sparks-Moore Hardware Co.....	56.00	Stillinger, C. A.....	16.38
Sparkling, Charlie.....	50.00	Stimmel, E. H.....	241.05
Spartin, Frank.....	46.25	Stine, E. V.....	25.00
Spaulding, L. F.....	126.88	Stirling Mercantile Co., The.....	40.41
Speaker, Sylvester.....	13.75	Stock, Wm.....	51.25
Speelman, Bert.....	8.75	Stockbridge, A. J.....	33.00
Speelman, Harry.....	26.00	Stockbridge, Arthur J.....	40.00
Spence, Ashbel.....	23.62	Stocker, E. J.....	78.50
Spence, William.....	21.00	Stockham Bros.....	4.25
Spencer, Charles.....	66.00	Stockman, Wm. F.....	160.00
Spencer, H. B.....	26.00	Stockwell, Azza.....	115.50
Spencer, J. G.....	15.00	Stokes & McCoid.....	14.07
Spencer, Martin.....	24.00	Stoll Co., Paul.....	24.00
Spencer, R. C.....	82.00	Stokey, Wm. L.....	17.88
Spencer, Wash.....	91.25	Store, Putney.....	22.91
Spicer & Jones Co.....	33.92	Storhow, A.....	51.00
Spring, Thos.....	45.00	Strader, Thomas.....	38.50
Springer, Wm.....	2.50	Strader, W. T.....	32.50
Springville Drug Co.....	28.80	Straight, Elmer.....	6.25
Spurgeon, W. M.....	24.00	Strain Bros.....	257.95
Spurlock, H. P.....	92.50	Strait, William T.....	89.37
Staats, John W.....	85.00	Stratton, C. L.....	42.40
Stack Supply Co. (Incorporated).....	578.22	Strazzalino, John.....	50.00
Stafford, C. S.....	38.50	Strickland, Eli C.....	60.25
Stafford, Charles.....	28.00	Strodtbeck, Charles A.....	45.00
Stafford, Con.....	67.37	Strong, B. W.....	3.25
Stagg, J. P.....	29.50	Strong & Co., J. C.....	29.79
Stalcup, Ross.....	78.75	Stubbs, Henry.....	43.50
Staley, M. B.....	10.00	Stuckey, A. B.....	98.00
Stalker, W. W.....	17.30	Studebaker Bros. Co.....	1.75
Stam, Walter.....	5.50	Stukey Bros.....	79.52
Stampfer, Jos.....	33.00	Stukey, Daniel.....	13.05
Standard Lumber Co.....	36.35	Sturtevant & Proctor.....	14.30
Stanford Mercantile Co.....	7.50	Sullivan, Chas. E.....	205.00
Stanley, Elmer.....	26.00	Sulloway, F. W.....	52.50
Stanley, Fred.....	92.00	Summers, J. W.....	12.00
Stanley, H. T.....	10.00	Sundance Telephone Co.....	35.00
Stanly, Roy.....	103.00	Supan, Milton.....	20.00
Stannard, E.....	112.50	Superior Lumber Co.....	125.67
Stapleton, Frank E.....	33.00	Sutherland, R. W.....	75.00
Stapp, Leslie.....	5.00	Sutton, A. C.....	98.00
Star Grocery.....	283.23	Sutton, R. K.....	4.80
Star Planing Mill.....	22.50	Sutton, Roy.....	127.50
Stark, W. T.....	82.50	Swain, E. M.....	385.00
Stark, William.....	13.50	Swaney, H.....	3.00
Start, J. D.....	62.00	Swanfeldt Tent and Awning Co.....	136.74
Statton, W. O.....	58.25	Swapp, J. E.....	42.50
Stearns & Chenoweth.....	40.00	Swayze, W. L.....	867.85
Steadman, Wm. F.....	37.62	Sweatt, D. P.....	29.00
Steele, George.....	18.00	Sweetland, R. W.....	65.00
Steele, Joe.....	31.50	Swenning, Mrs. Olive Carnell.....	21.75
Steele, L., jr.....	56.00	Swilly, A. C.....	269.50
Steiner & Crowell.....	7.60	Swisher, Clarence B.....	55.50
Steinmeier, W. F.....	63.00	Tabor, B. V.....	5.00
Steinspring, W. E.....	45.00	Tafoya, Adolfo.....	17.00
Stendel, E. C.....	15.00	Taft, Elsethagen & Co.....	763.77
Stephens, B. L.....	55.00	Tallcott, Chester A.....	215.50
Stephens, D. S.....	16.90	Tallerday Manufacturing Co.....	125.00
Stephens, John E.....	35.00	Talley, Samuel E.....	81.67
Stephenson, Walter.....	95.62	Talmage, W. A., & Co.....	5.00
Stern, Gus.....	43.00	Tanner, Albert H.....	150.00
Sterrett, C. B.....	51.00	Tassotto, Valentine.....	22.00
Stevens, Fred.....	15.75	Taylor, Arthur A.....	20.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Taylor, C. R.	\$32.30	Townsend Mercantile Co.	\$35.74
Taylor, E. H.	24.00	Toyn, Arthur	18.00
Taylor, H. J.	8.20	Toyn, Thomas	18.00
Taylor, James	13.75	Trammell, Alvin	20.00
Taylor, J. H.	52.25	Trammell, B. F.	20.00
Taylor, Lees	14.25	Trammell, Loney	5.00
Taylor, S. M.	13.50	Traner, Edward	118.75
Taylor, Thomas	13.00	Trapp, Floyd	2.50
Taylor, W. H.	50.62	Trathen, Stephen	7.50
Taylor Grocery Co.	78.36	Traweek, C. C.	82.68
Taylor Hardware Co.	23.95	Treanor, Lewis H.	35.00
Tedford, J. N.	8.00	Trego, N.	34.00
Templeton, A.	9.25	Trent, J. C.	350.00
Teshera, J. W.	69.00	Trevethan, E. N.	52.50
Thamm Bros.	6.80	Trickey, M. M.	17.73
Thatcher, George B.	9.00	Trimble, B. A.	5.50
Thatcher Lumber Co.	26.36	Trimble, H.	31.63
Thayer, A. L.	60.00	Trimble, Royal	5.50
Thayer, Ezra W.	90.05	Trimble, W.	69.01
Thayer, Thomas	45.50	Triolo, Frank	3.00
Thestrup, Chas.	81.00	Triolo, Mo-mo	6.00
Thomas Bros.	78.75	Trippier & Son, J. E.	12.63
Thomas, D. P.	13.62	Tritch Hardware Co., The George	983.96
Thomas, George	60.00	Trout, John	57.13
Thomas, George S.	4.50	Tuax, Albert	3.75
Thomas, Jesse	111.75	Truckee Lumber Co.	10.65
Thomas, L. E.	72.00	Trueman, Edward B.	107.50
Thomas, Mrs. M. A.	10.50	Trueman, Ray I.	189.75
Thomas, Rees.	4.55	Trujillo, Donaciano	15.75
Thomas, W. C.	52.00	Trujillo, Victor	16.00
Thomas, Walter M.	78.00	Tuggle, W. E.	6.75
Thomason, Lonnie	50.47	Tuolumne County Electric Power and Light Co.	14.97
Thomason Bros. Hardware Co.	60.18	Turk, George L.	3.25
Thompson, A.	26.66	Turnbow, John G.	84.00
Thompson, A. J.	3.08	Turnbow, Lon	18.00
Thompson, A. L.	10.30	Turcott, Joe	42.25
Thompson, A. O.	75.27	Turner, Fred Luther	22.00
Thompson, Carl	69.25	Turner, Frank	12.50
Thompson, C. J.	70.55	Turner, F. P.	5.75
Thompson, Edward	24.53	Turner, J. M.	61.02
Thompson, Hardin W.	3.50	Turner, S. M.	18.16
Thompson, J. F.	32.16	Turner, William	32.00
Thompson, Jackson A.	30.00	Turnidge, A. L.	55.69
Thompson, John	10.00	Tuttle, Chester	73.12
Thompson, K.	24.00	Tyler, Chester	46.25
Thompson, Maurice	52.25	Uhlman, Fred	8.00
Thompson, Wesley C.	31.62	Underhill & Co.	208.15
Thompson, W. M.	25.88	Underwood, George W.	54.50
Thompson, Wm.	43.75	Union Lumber Co.	43.00
Thompson Falls Mercantile Co.	781.05	United States Lumber Co.	31.77
Thompson & Peterson	11.72	Upchurch, Walter	3.00
Thomson-Diggs Co.	38.75	Urner Mercantile Co.	65.65
Thomson, Frank S.	33.01	Urquhart, H. H.	407.50
Thomson, Peter	10.50	U. S. Reclamation Service	95.31
Thorpe, George C.	12.50	Utah Implement Vehicle Co.	165.00
Thrall, H. A.	73.40	Utica Mercantile Co.	83.55
Tillett, George	50.00	Utt, John W.	32.00
Tin Cup Merchandise Co.	38.13	Utter, F. B.	32.32
Tinsley, G. W.	352.35	Valdez, Pedro	10.50
Tippler, M. A.	77.25	Vale, George	6.00
Tippott, Thomas S.	12.50	Valine, Maich	8.75
Titus, D. C.	217.50	Valliant, William	148.50
Todd, Wilbur D.	14.40	Van Allen, G. B.	52.50
Toepel, Chas.	83.75	Van Buren, Arthur A.	28.00
Toepel, F. W.	51.25	Van Buskirk, Elzy	10.00
Toeters, Jacob	50.00	Van Camp, W. H.	85.50
Tomkins Bros. Hardware Co.	108.70	Vance, James D.	22.50
Tomney, Pat.	34.50	Van Delinder, Lynn	19.00
Tompkin & June	32.60	Vanderford, R. M.	29.33
Tompkins, Charles	61.87	Van Dyke, G. M.	25.50
Tompkins & Co.	12.25	Vandelinder, Lynn G.	54.00
Tonseth, L. M.	37.50	Van Horn, F.	6.00
Tonseth, Richard	37.00	Van Slyke, John R.	89.96
Toop, William N.	9.00	Van Vleck, V. V.	42.88
Torrey, A. W.	26.00	Vargas, Lino	20.80
Torrey, B. A.	26.00	Varley & Son	13.25
Tower Mill Co.	18.80		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Vatter, Rudolph.....	\$50.00	Watterson, H.....	\$36.00
Vaughn, George.....	13.00	Watterson, Thos. G.....	22.50
Vaughn, Joseph.....	12.00	Watts, Chas. W.....	10.00
Vaughn & Sons.....	69.65	Way, John D.....	76.50
Veatch, R. W.....	24.00	Weare, C. R.....	74.39
Velasquez, Tomas.....	13.50	Weaver, H. T.....	65.25
Vernal Drug Co.....	6.88	Weaver, William.....	82.50
Verney, Dell.....	28.00	Weaverville Supply Co.....	962.27
Viancour, Peter.....	30.00	Webb, H. J.....	17.16
Vernon, John.....	33.00	Weber, Joe.....	50.50
Vigil, Juan.....	30.00	Webories, Martin.....	55.00
Villegas, L.....	33.75	Webster, A. M.....	16.44
Vito, Vincent.....	36.00	Webster, H. C.....	6.75
Vitzthum Bros.....	34.25	Weeks, E. L.....	16.12
Volk, B. C.....	2.50	Weeks, L. D.....	4.05
Vorhees, Irven.....	3.00	Weeter Lumber Co. (Limited).....	38.15
Wadham, Dan.....	18.00	Wchoft, Adolph.....	150.00
Wagner Hardware Co.....	3.00	Weill, A.....	55.15
Wagner, John.....	1.50	Weill's Department Store.....	50.00
Wahrlich-Cornett Co.....	194.92	Weinheimer, H.....	3.00
Waite, C. A.....	8.10	Weise Mercantile Co., The A. J.....	47.85
Waldbilling, J. J.....	66.00	Welch, John E.....	6.75
Waldeck, David.....	62.50	Welch, J. N.....	46.50
Waldo, Roy.....	34.00	Welch & Titsworth.....	140.28
Waldo, W. H.....	34.00	Wellington, F. T.....	25.00
Waldorff, Ernest A.....	43.50	Wells, Bert.....	26.00
Walker, Cyrus.....	26.50	Wells, George.....	165.50
Walker, Fred.....	13.50	Wells, H. B.....	68.25
Walker, H. H.....	3.50	Wells, William.....	69.82
Walker, James.....	22.50	Wells, W. F.....	30.63
Walker, Montie.....	22.50	Wells, W. H.....	280.00
Walker, N. O.....	4.00	Wells, Fargo Express Co.....	6.00
Wall, E. V.....	88.50	Wells & Morris.....	117.83
Wall, John P.....	32.05	Weltner, William F.....	17.00
Wallace Drug Co.....	3.75	Welty, F. A.....	11.00
Wallace Supply Co. (Limited).....	13.95	Welty, Samuel D.....	32.00
Waller, James E.....	54.00	Weltzene, W. E.....	9.00
Walling, George E.....	187.50	Wenatchee Fuel Co.....	3.30
Walling, Sidney.....	54.00	Wendt, Ralph.....	70.87
Wallis, John A.....	47.50	Wernli-Boardman Co.....	2.95
Wallop & Moncreiffe Lumber Co.....	111.40	West, Charles.....	115.63
Wallowa Mercantile Co.....	90.70	West, Everest.....	27.50
Wallowa-Paradise Stage Co.....	2.00	West, J. B.....	27.50
Walter, John C.....	384.56	West, Josie P.....	121.50
Walter, Horace.....	58.50	West, Miles.....	36.00
Walther, Ed.....	70.00	Westbrook, William M.....	20.00
Ward, P. F.....	52.00	Westcliffe Mercantile Co.....	9.05
Walton, Richard.....	21.00	Western Electric Co.....	2,012.69
Warland Lumber Co.....	43.15	Western Glass and Paint Co.....	13.50
Warner, C. W.....	10.37	Western Mercantile Co.....	248.23
Warner, D. S.....	20.00	Western Montana Flouring Co.....	434.69
Warner, Frank A.....	15.00	Western Supply Co.....	5.72
Warner Bros.....	97.78	Western Metal Supply Co.....	130.68
Warr, A. W.....	40.00	Western Woodworking Co.....	10.00
Warren, B. F.....	6.50	Wetherell, J. W.....	40.00
Warren, Chas. H.....	8.35	Wetzsteon, Edward.....	3.75
Warren, John H.....	30.00	Wetzsteon, Henry.....	6.25
Warren, R. H.....	130.00	Whalley Lumber Co.....	411.48
Warren, W. H.....	24.00	Whelpley, F. K.....	25.00
Wasatch Drug Store.....	19.00	Whisman, D. L.....	15.00
Wasatch Lumber Co.....	178.19	Whisman, Erma.....	45.00
Washam, Frank.....	130.00	Whitaker & Steele.....	63.30
Washington Commercial Co.....	35.28	White, Arthur.....	15.37
Washington Trading Co.....	13.55	White, B. L.....	24.00
Waters, Harry.....	50.16	White, Chick.....	99.00
Waters, Henry.....	47.50	White, D. G.....	10.02
Watkins, Ray.....	56.25	White, George.....	24.00
Watkins & Hotchkiss.....	58.74	White, John A.....	61.00
Watrous, Henry R.....	16.25	White, L. Allen.....	25.88
Watson, C. R.....	8.05	White, Martin.....	148.75
Watson, J. M.....	40.00	White, Orris.....	3.00
Watson, Martin.....	52.50	White, W. C.....	78.75
Watson, William.....	55.30	White, W. L.....	5.00
Watson Bros. Iron Works.....	24.55	White & Bender.....	21.33
Watson, C. R.....	5.00	Whitehorn, Chester.....	25.50
Watson & Co., C. R.....	17.70	Whiting, L. S.....	245.38
Watterson, George.....	217.85	Whitmer, Eugene C.....	49.35

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Whitney, Albert James.....	\$24.00	Wise, Sam. E.....	\$33.50
Whitney, A. W.....	16.25	Wise, W. L.....	76.70
Whitney, Charles A.....	32.50	Wiseman, J. C.....	15.00
Whitney, Mervin M.....	61.00	Witham, A. A.....	18.00
Whitney Company.....	90.83	Witham, H. W.....	47.65
Whittaker, John S.....	183.01	Wither, A. & G.....	113.40
Whittle, W. C.....	20.00	Withers, C. W.....	46.74
Whittlesey Bros.....	128.91	Withers, Mrs. G. T.....	19.80
Wickersham, J. S.....	58.50	Withrow, D. M.....	2.50
Wickersham, Jack S.....	65.25	Witt, A. F.....	32.00
Wiggins, Julius.....	26.00	Wixon, Chauncey F.....	33.00
Wilber, George W.....	65.25	Wolf, Frank.....	29.75
Wilborn, A. L.....	49.50	Womer, E. S.....	137.50
Wilborn, C. R.....	23.37	Wonacott, Don Lester.....	125.00
Wilcox, Ed.....	31.50	Wonder Mercantile Co.....	14.15
Wilcox, George.....	100.75	Wonderly, Oliver E.....	119.60
Wildeg, Chas.....	80.25	Wood-Davis Hardware Co.....	4.20
Wiley, Allen.....	43.12	Wood & Morgan.....	14.42
Wiley, B. P.....	20.00	Wood, Thos. P.....	29.84
Wiley, C. S.....	4.00	Wood, W. B.....	8.75
Wiley, Sandford.....	48.50	Woodhouse, J. S.....	3.15
Wilkerson, F. W.....	25.00	Woodland Mercantile Co.....	109.82
Wilkerson, Jerry.....	5.00	Woodman, Harvey E.....	5.00
Wilkerson, Pearly.....	29.53	Woodman, W. M.....	48.00
Wilkerson, W. C.....	5.00	Woodruff, A. L.....	67.38
Will, William F.....	217.50	Woodruff, M. A.....	68.75
Willis, Claude.....	23.37	Woodruff, William H.....	32.62
Willey, J. D.....	50.00	Woods, C. W.....	5.00
Willig, A. R.....	5.00	Woods, Garfield.....	54.00
Williams, A. P.....	1.00	Woods, R. M.....	115.00
Williams, C. S.....	75.00	Woodward, H. T.....	8.00
Williams, E. E.....	15.00	Woody, G. H.....	16.00
Williams, Frank.....	253.00	Woolfolk, Chas. P.....	88.00
Williams, George J.....	35.00	Woolridge, Geo. L.....	80.00
Williams, Henry.....	65.25	Woolsey, Joseph.....	114.00
Williams, Hugh.....	58.00	Woolsey, Bert.....	5.00
Williams, Jack.....	16.25	Woolstenhulme, John.....	270.16
Williams, Jas. P.....	14.00	Worcester, J. M.....	30.00
Williams, Lawrence.....	7.00	Work, A. L.....	4.50
Williams, Lee.....	152.50	Workman, Alley.....	24.75
Williams, L. P.....	16.50	Workman, John A.....	20.25
Williams-Lucas Co.....	3.85	Workman, Marvin P.....	20.25
Williams, Orrin.....	34.50	Workman, Vernal.....	20.25
Williams, Robert L.....	32.50	Worstell, William, estate of.....	6.75
Williams, W. A.....	114.00	Worthen, Fred.....	98.50
Williamson, Jesse.....	15.00	Wray, G. A.....	50.08
Williamson, Nora O.....	33.50	Wright, H. C.....	11.25
Willis, Ben.....	10.00	Wright, J. E.....	13.00
Willis, H. J.....	53.25	Wright, Perry.....	70.87
Willis, John L.....	15.00	Wright, W. A.....	99.50
Willmarth, Clarence.....	24.50	Wright, William P.....	35.00
Willmarth, C. E.....	33.00	Wright, W. T.....	22.50
Wills, Jack.....	548.11	Wroe, Charles.....	102.00
Willshaw, P. W.....	3.50	Wurzweiler & Co.....	30.65
Willie, J. W.....	35.00	Wycoff, A. E.....	41.00
Willsworth, C. E.....	44.00	Wycoff, George.....	54.00
Wilnot, Thos.....	5.00	Wydenes, Miss D.....	225.00
Wilsey Bros.....	15.08	Wyman, Fred K.....	183.33
Wilson, Annto.....	7.00	Wyburn, Henry.....	8.75
Wilson, A. W.....	47.00	Wynne, J.....	48.38
Wilson, C. R.....	245.00	Yancey, W. P.....	207.62
Wilson, Elias.....	63.80	Yaramille, Romon.....	2.00
Wilson, Frank.....	62.00	Yates, Benton.....	78.50
Wilson, George C.....	20.90	Yeager, G.....	40.00
Wilson, Henry.....	79.00	Yes, Harley.....	55.00
Wilson, H. C.....	10.28	Yergy Lumber Co.....	38.85
Wilson, H. J.....	47.50	Ydleriar, Joe.....	19.13
Wilson, James.....	87.50	Ygnacio, P. A.....	180.50
Wilson, John F.....	65.00	Yoakum, Horace.....	35.00
Wilson, S. B.....	42.50	Yocum, Juel.....	27.00
Wilson, Winfield S.....	30.00	York, Earl.....	97.50
Wingfield & Sons, J. II.....	66.60	York, Frank.....	97.50
Wingrove, L. S.....	12.50	York, George W.....	21.78
Winnar, Jno. W.....	96.25	Young & Fairholm.....	3.00
Winsor, Henry D.....	197.92	Young, C. F.....	85.00
Wise, A. S.....	24.53	Young, Frank D.....	48.00
Wise, John S.....	16.25	Young, R. K.....	26.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture—Continued.</i>	
Young, Robert.....	\$36.00	Mason, L. H.....	\$34.20
Young, Samuel W.....	20.00	Methow Trading Co.....	20.00
Young, W. J.....	54.00	Montana Hardware Co.....	18.50
Younkin, F. M.....	24.75	Montana Trading Co.....	21.00
Zemp, Joseph.....	57.40	McCoy, H. B.....	25.00
Zimmerschied, A. E.....	83.50	McCoy, W. M., & Co.....	10.00
Zwight, John.....	28.00	Newton, E. S.....	23.00
Total.....	266,403.24	Peck, W. H.....	10.10
<i>Furniture.</i>		Peterson, Mrs. Lehi.....	25.00
Abraham & Karsky Co.....	19.20	Peterson, P. F.....	43.75
Aitken, Morrison.....	6.50	Plumas Commercial Co.....	43.70
Albrecht, Wm.....	65.00	Poor, J. R.....	14.65
Alpha Hardware and Supply Co.....	30.85	Rand-Dagg Mercantile Co.....	6.00
Arizona Cooperative Mercantile Institution.....	38.50	Rehm, E. L., Co.....	60.05
Arizona Copper Co.....	12.50	Reichman Mercantile Co.....	24.00
Austin Commercial Co.....	56.00	Ritter & McRae.....	21.00
Barrows, F. P., & Son.....	17.50	Ryan, I. W.....	4.35
Becker Blackwell Co.....	15.00	Sauk Shingle Co.....	19.50
Becker, Gustav.....	37.95	Schuster, A. & B.....	9.90
Boeseke-Dawe Co.....	13.00	Scipio, G. C.....	18.00
Bond & Nohl Co.....	17.00	Shell, Theodore.....	8.00
Booth Furniture Co.....	4.50	Shenon Hardware Implement Co. (Limited).....	35.00
Buck, Amos Mercantile Co.....	20.00	Sorensen, S. C.....	9.00
Broadwater County Co.....	48.00	South Utah Equitable.....	17.30
Burden, C. H.....	13.50	Spear, R. C.....	5.00
Conconully Furniture and Hardware Co.....	21.00	Stagg, J. P.....	8.00
Conn, Virgil.....	22.40	Swayze, W. L.....	82.50
Corbett, W. J.....	46.75	Talmage, W. A., Co.....	16.00
Cox, G. A.....	5.00	Taylor, H. W.....	30.00
Curtin, Arthur P.....	105.30	Thompson Falls Mercantile Co.....	20.50
Danis, Ike M.....	12.75	Tomkins Bros. Hardware Co.....	5.00
Danis, Smith & Co.....	36.50	Tritch, George, Hardware Co.....	30.25
Danner, J. D.....	40.17	Turley, Caddie J.....	10.00
Dorsch, H. G.....	15.00	Turner, F. P.....	9.00
Edwards, D. R.....	6.50	Welch & Titworth.....	45.00
Elling, Henry & Co.....	20.00	Wells & Morris.....	8.80
Ellis-Forde Co.....	17.50	Wernli-Boardman Co.....	12.00
Enterprise Mercantile and Milling Co.....	15.00	Williams, A. Roy.....	7.00
Faber, Albert.....	12.00	Wither, A. & G.....	13.00
Faulkner, W. C.....	25.00	Woodruff, Mark G.....	139.00
Fisher & Glassford Hardware Co.....	112.00	Yawman & Erbe Manufacturing Co.....	3,187.50
Fraser & Reed.....	20.00	Total.....	5,778.64
Furniture store, C. E. Hood, proprietor.....	3.60	<i>Fuel.</i>	
Gerspach-Charteris Exchange.....	27.50	Ashton, W. H.....	25.00
Glass & Prudhomme.....	20.00	Babbitt Bros.....	8.50
Gowanlock, John A.....	16.65	Bascom, W. P.....	50.65
Gray, George R., & Co.....	23.10	Beardsley, G. B.....	14.00
Griffin Hardware Co.....	12.90	Bonnett, M. P.....	17.87
Harding Curlo Co.....	16.00	Booth, Wm.....	10.00
Halliday, W. H. Co.....	18.50	Brown, W. J.....	12.00
Harper & Reynolds Co.....	18.70	Burden, C. H.....	14.00
Hartung-Larson Hardware Co.....	13.00	Colvin & Reece.....	6.80
Hesson, A. W., & Co.....	80.15	Dietrich, C. H.....	36.00
Humphreys, Arch. M.....	22.05	Ellis-Forde Co.....	2.75
Hunter, S. G.....	23.00	First National Bank, Lakeview, Oreg.....	18.00
Idaho Falls Planing Mill Co.....	40.00	Fisher-Glassford Hardware Co.....	2.31
Ilfeld, Chas., Co.....	3.00	Geehan, Horace E.....	12.64
Jackson Drug and Furniture Co.....	29.58	Gray, Roy.....	25.50
Jackson Mercantile Co.....	73.95	Hansen, J. J.....	24.00
Kleinoeder & Hobbs.....	20.00	Higgins, Wm.....	12.00
Lakeview Mercantile Co.....	62.69	Holland, J. P.....	30.00
Lauer, E., & Sons.....	22.60	Holman Bros.....	14.00
L. D. Store, The.....	17.00	Jackson, N. L.....	21.25
Leadville Hardware Co.....	23.15	Jeter, W. P.....	16.50
Leavenworth Mercantile Co.....	18.00	Johnston, H.....	25.50
Lost River Commercial Co.....	15.00	Miller Bros.....	10.45
Lowry & Shaw.....	31.90	O'Farrell, James R.....	11.70
Lumm, John.....	5.00	Onstott, Frank.....	3.00
Maelzer, Julius G.....	5.00	Packsaddle Coal Co.....	14.81
Maier, B., & Co.....	16.80	Republic Livery and Transfer Co.....	26.00
Marshall, H. E.....	2.40	Rose, C. W.....	15.00
		Sanders, A. J.....	5.50
		Smith & Corner.....	40.30

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Fuel—Continued.</i>		<i>Telephone—Continued.</i>	
Timney, B. J.....	\$25.50	Santa Fe Electric Telephone Co.....	\$9.00
Trolson, Jacob H.....	60.00	Southern Utah Telephone Co.....	18.90
Tuggle, W. E.....	1.75	Southwestern Home Telephone Co....	3.00
Wells & Morris.....	1.00	United States Long Distance Tele-	
Wenatchee Fuel Co.....	31.50	phone and Telegraph Co.....	29.40
Zoll, George.....	16.00	Utah Independent Telephone Co.....	43.70
Total.....	661.78	Washington and North Telephone and	
<i>Freight.</i>		Telegraph Co.....	15.00
Bonner Lumber Co.....	5.15	Weaverville Electric Co.....	6.00
Canyon Lumber Co.....	35.65	Willow and Elk Creek Telephone Co..	12.05
Chelan Transfer Co.....	301.81	Total.....	1,292.49
Endner Lumber Co.....	14.00	<i>Gas and electricity.</i>	
Franklin Mercantile Co.....	13.90	Chelan Water Power Co.....	14.30
Gerwein, H.....	11.40	Gallatin Light, Power and Ry. Co.....	12.05
Jacklin C.....	.68	Kendall, J. L. & S. A.....	2.25
Missoula Mercantile Co.....	22.63	Monte Vista Electric and Gas Light Co.	2.30
North Redwood Lumber Co.....	4.20	New Mexico Light, Heat, and Power	
O'Neill Lumber Co.....	8.73	Co.....	12.00
Saginaw & Manistee Lumber Co.....	55.78	Puget Sound Power Co.....	11.40
Scott Transfer Co.....	12.36	Quarles & Quarles.....	9.00
Snow, John.....	2.20	Republic Light and Power Co.....	8.40
Springer, T. H.....	5.18	Saguache Acetylene Gas Co.....	4.78
Tower Mill Co.....	1.15	Town of Gunnison.....	4.50
Taft, Elsestehen & Co.....	9.24	Tuolumne County Electric Light and	
Wells & Morris.....	1.56	Power Co.....	21.72
Western Electric Co.....	.44	N. W. Light and Water Co.....	6.50
Total.....	506.06	Total.....	109.20
<i>Express.</i>		<i>Travel and station and field expenses.</i>	
Cantwell, W. F.....	3.00	Acord, Henry.....	20.00
Doerr, Mitchell Electric Co.....	.80	Allen, Greenville F.....	329.77
Franklin Mercantile Co.....	12.80	Anderson, David.....	14.75
Missoula Mercantile Co.....	4.25	Anderson, Jos. F.....	42.57
Taft, Elsestehen & Co.....	13.40	Anderson, Milton J.....	118.20
Wells, Fargo & Co.....	18.57	Armstrong, Chas. W.....	136.09
Wells & Morris.....	5.35	Ayres, Robert W.....	5.10
Western Electric Co.....	11.10	Ballinger, Charles A.....	24.90
Total.....	69.27	Balthis, Russell F.....	9.70
<i>Telegraph.</i>		Barnard, John.....	9.55
Pacific Telephone and Telegraph Co...	1.35	Barnett, David.....	168.60
Austin-Manhattan Tel. Co.....	24.42	Barney, George H.....	146.80
Total.....	25.77	Barrett, Louis A.....	110.34
<i>Telephone.</i>		Bartlett, Arthur W.....	25.80
Austin-Manhattan Tel. Co.....	35.62	Bartrum, S. C.....	182.47
Colorado Telephone Co.....	279.54	Bassett, C. C.....	155.40
Farmers Telephone and Telegraph Co...	3.00	Bead, A. D.....	5.50
Garletz Mercantile Co.....	6.05	Bell, J. R.....	125.30
Garletz & Son.....	9.30	Benedict, R. N.....	33.25
Garfield Telephone Co.....	6.00	Bentz, George G.....	185.85
Gunnison County Telephone Exchange		Besley, L. Moree.....	45.29
Co.....	9.00	Bigelow, Richard L. P.....	311.01
Home Independent Telephone Co.....	9.35	Bingham, Cy. J.....	12.50
Home Telephone and Telegraph Co...	15.75	Blair, James A.....	417.15
Independent Long Distance Telephone		Blankenship, Edward O.....	12.00
Co.....	13.00	Bradish, W. N.....	15.75
Kalispell Water and Electric Co.....	9.00	Breen, F. S.....	2,771.87
Kemmeror-Big Piney Telephone Co...	16.50	Breen, F. C.....	567.51
Lake County Telephone and Telegraph		Boultet, Joseph M.....	20.35
Co.....	30.00	Brittin, E.....	195.41
Mitchell Bros.....	8.20	Brough, Walter F.....	63.25
Pacific States Telephone and Tele-		Brown, George W.....	8.15
graph Co.....	8.50	Burke, Thomas J.....	18.25
Pacific Telephone and Telegraph Co...	256.65	Burrall, Harrison D.....	3.75
Ranchmans' Mutual Telephone Co.....	8.00	Bushnell, Dwight.....	245.14
Rocky Mountain Bell Telephone Co...	422.98	Butler, Ovid M.....	24.55
Salina Telephone Co.....	9.00	Callister, T. Clark.....	10.00
		Campbell, J. K.....	92.49
		Cater, Frederick W.....	180.00
		Cecil, George H.....	208.32
		Chamberlain, Clarence A.....	3.50
		Charlton, R. H.....	136.69
		Cuidsey, Thomas E.....	71.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Clarke, Edwin H.	\$57.80	Koch, Elers	\$484.14
Clark, Jno. H.	151.40	Kramer, Edwin W.	209.86
Clark, Willard W.	853.14	Kreutzer, Wm. R.	96.45
Clifford, Edward C.	230.18	Kummel, Julius F.	29.74
Coleman, George A.	236.00	Lafferty, J. B.	410.04
Coleman, Gilbert B.	62.69	Leatham, James	34.65
Conkling, D. T.	96.38	Leslie, Edwin E.	155.82
Cryder, Wm. W.	122.90	Lovelace, Byron O.	36.58
d'Allemand, B. R. H.	35.05	McCain, A. C.	34.02
Darling, Elbert H.	241.50	McClure, R. C.	440.69
Day, T. L.	147.67	McGlove, Chas. T.	130.53
De Long, James H.	13.80	McLaren, Jno.	48.30
Donery, Joseph A.	45.55	MacDuff, Nelson F.	16.45
Douglass, Stephen H.	303.36	Mains, Guy B.	111.04
Drew, N. B.	25.30	Mainwaring, E. S.	24.58
Edson, Gordon	13.92	Marsh, C. Dwight	23.00
Elliott, M. B.	548.25	Marshall, Robert E.	14.45
Ellis, S. L. N.	36.90	Marshall, G. E.	40.83
Everton & Sons	12.20	Marshall, Harold A. E.	91.83
Farley, George	31.00	Mathews, Harry Eugene	4.75
Fenn, F. A.	51.00	Maule, Wm. M.	49.25
Ferguson, John A.	9.55	Maxfield, J. D.	8.89
Fitton, David E.	51.25	Martin, J. P.	208.15
French, Harry H.	139.85	Martin, D. C.	51.43
Flintham, Stewart I.	98.75	Mattoon, W. R.	100.69
Foster, Harold Day	32.25	Morrill, Walter J.	33.80
Gardner, Percy	57.30	Mesnard, Ralph E.	197.30
Goddard, W. H.	60.20	Milbury, William B.	4.85
Grandjean, E.	221.45	Milham, George W.	262.31
Granger, Christopher M.	3.50	Miller, George	11.30
Gray, John T.	6.00	Miller, Robert E.	15.67
Greeley, W. B.	137.20	Mitchelson, Albert T.	48.53
Guthrie, Hugh M.	42.55	Myers, L. S.	54.57
Hadley, Walter B.	69.03	Nelson, Jesse W.	248.56
Hafley, F. H.	41.80	Nielson, Olaf G.	9.55
Haines, Fremont N.	141.26	O'Brien, Howard K.	290.70
Hall, Henry C.	7.10	Pace, Wilford	12.50
Hall, Chas. C.	568.52	Pack, Daniel S.	13.75
Hall, W. N.	85.70	Pack, Willard I.	63.28
Hamilton, E. M.	109.60	Parnay, Serope Y.	132.25
Hammett, R. F.	30.80	Pearson, Gustaf A.	76.55
Hammock, Leonard D.	18.10	Peterson, Lehi, jr.	9.85
Hanson, Fred	813.93	Pierpont, Russell B.	25.55
Harris, Harvey W.	30.90	Pinkerton, Thos. R.	6.75
Harris, Hugh H.	112.99	Pooler, Frank C. W.	95.81
Harris, Selden F.	67.43	Rachford, C. E.	211.70
Harrison, E. R.	218.95	Ramskill, Jerome H.	63.00
Hayes, William D.	8.60	Ratliff, J. H.	55.47
Headley, Roy	118.35	Redington, Paul G.	69.60
Henrie, Samuel E.	14.75	Reed, W. H.	86.03
Herring, A. L.	218.30	Reid, John S.	11.78
Higgins, Chas. G. Y.	25.90	Reynolds, Thomas N.	8.10
Hinderer, Chas. H.	162.20	Ridgeway, Roy D.	14.80
Hiskey, G. B.	12.35	Rogers, D. N.	5.50
Hogan, Thos.	58.15	Rush, Frank	43.20
Hogue, A. H.	51.27	Russell, E. C.	26.05
Hoyt, T. C.	33.21	Rutledge, R. H.	531.80
Huestis, W. A.	16.75	Sampson, Arthur W.	80.26
Hughel, Nile	96.05	Schmitz, J. M.	797.25
Hurd, H. C.	6.35	Scott, Chas. A.	107.33
Ingram, Guy M.	352.95	Sears, Willard L.	15.00
Ireland, A. S.	224.67	Seely, J. B.	309.92
Ireland, Henry	252.90	Seitz, Clyde R.	176.27
Iverson, Andrew C.	4.60	Selkirk, R. J.	114.55
Jackson, W. E.	57.21	Shaw, Ernest W.	304.00
Jardine, James T.	79.25	Sheller, D. B.	1,819.55
Jensen, Adolph W.	177.13	Sherrard, T. H.	403.63
Jewell, James E.	105.45	Sherwin, Frank R.	60.91
Jones, E. H.	138.03	Shinn, Chas. H.	245.10
Jones, Zeph	105.24	Shockley, Kepler B.	16.49
Jones, Birtsal W.	20.85	Silcox, F. A.	145.80
Kenner, Beauregard	12.15	Sims, M. M.	8.60
Kerr, John	93.88	Smith, Jno. F.	41.65
Kinney, David G.	140.40	Suell, Nathan E.	42.72
Kinney, Jas. H.	161.14	Snow, Orris C.	68.84
Kling, L. A. H.	190.45	Spencer, Frank C.	180.34

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., National Forests, 1908, \$375,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Stahl, C. J.	\$67. 60	Wales, F. C.	\$370. 05
Steele, Foster.	42. 60	Wedemeyer, Jno. T.	66. 66
Stewart, Thos. R.	35. 40	West, Thos. C.	55. 25
Stroup, Andrew L.	351. 33	West, Jno. C.	26. 35
Stuart, R. W.	23. 80	Wheeler, Herbert N.	143. 91
Swenning, S. S.	30. 50	Whitney, F. D.	3. 50
Swift, Theodore.	223. 38	Williams, D. H.	47. 37
Terry, Elwood L.	44. 98	Williams, Eugene.	232. 97
Thomas, B. M.	1. 66	Willson, Roscoe G.	66. 21
Thornton, F. M.	11. 05	Wilson, R. B.	917. 01
Thurston, Harry W.	298. 55	Woolsey, T. S., jr.	2. 00
Tibbetts, Sewell.	46. 75	Woodruff, Mark G.	302. 12
Todd, Ira E.	178. 58	Woods, Clarence M.	133. 65
Torstenon, Nels O.	74. 10	Work, Jos. Y.	132. 18
Townsend Mercantile Co.	45. 60	Wrensted, Peter T.	161. 28
Tuft, Albert.	9. 00	Wright, Sylvanus.	41. 50
Van Osten, Jas. W.	9. 50	Wyman, C. K.	148. 37
Vail, W. S.	48. 85		
Veatch, R. W.	14. 05		
Viles, H. C.	20. 20		
		Total.	31,676. 58

Total amount of appropriation.	\$375,000. 00
Total expenditures under above groups.	\$313,241. 47
Advance to Milton J. Anderson.	3,500. 00
Advance to G. G. Bentz.	1,049. 25
Advance to Jas. A. Blair.	1,554. 67
Advance to F. S. Breen.	1,261. 25
Advance to Page S. Bunker.	1,520. 00
Advance to Dwight Bushnell.	2,791. 24
Advance to O. M. Butler.	2,181. 99
Advance to R. H. Charlton.	1,498. 79
Advance to David T. Conkling.	519. 25
Advance to M. B. Elliott.	1,870. 00
Advance to C. W. Fitzgerald.	1,965. 40
Advance to Harry H. French.	1,867. 57
Advance to R. L. Fromme.	2,000. 00
Advance to Emile Grandjean.	2,106. 00
Advance to C. C. Hall.	239. 00
Advance to Roy Headley.	2,430. 70
Advance to Guy M. Ingram.	2,000. 00
Advance to Henry Ireland.	501. 50
Advance to Elers Koch.	2,144. 50
Advance to Wm. R. Kreutzer.	571. 75
Advance to Wm. H. Mast.	4,580. 00
Advance to Geo. W. Milham.	939. 21
Advance to H. K. O'Brien.	2,000. 00
Advance to H. K. Porter.	1,242. 75
Advance to P. G. Redington.	499. 16
Advance to R. H. Rutledge.	309. 15
Advance to E. W. Shaw.	1,136. 20
Advance to T. H. Sherrard.	2,510. 46
Advance to Willis M. Slosson.	2,180. 73
Advance to N. E. Snell.	773. 50
Advance to Frank C. Spencer.	381. 00
Advance to A. L. Stroup.	500. 00
Advance to R. W. Stuart.	435. 00
Advance to Harry W. Thurston.	499. 85
Advance to H. N. Wheeler.	1,999. 96
	366,801. 30
Unexpended balance.	8,198. 70
Repayment to credit of appropriation.	. 50
Net unexpended balance.	8,199. 20

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses
<i>Out of Washington.</i>			
Olmsted, Frederick E.	Chief inspector, at \$2,800.	\$700.00	
Allen, Edward T.	Chief inspector, at \$2,700.	675.00	
Benedict, Raymond E.	Chief inspector, at \$2,400.	600.00	
DuBois, Coert.	Inspector, at \$2,200.	550.00	
Sherman, Edward A.	Chief inspector, at \$2,200.	550.00	
Riley, Smith.	Chief inspector, at \$2,100.	525.00	
Hatton, John H.	Inspector, at \$1,900.	475.00	
Reed, Franklin W.	do.	395.83	
Bronson, Danl. D.	Chief inspector, at \$1,800.	450.00	
Clark, Willard W.	Inspector, at \$1,800.	450.00	
Redington, Paul G.	Inspector and special temporary disbursing agent, at \$1,700.	425.00	\$11.10
Fetherolf, James M.	Inspector, at \$1,600.	400.00	
Hodge, William C., jr.	do.	400.00	
Kent, Wm. H. B.	do.	400.00	
Mattoon, Wilbur R.	do.	400.00	5.25
Peavy, Geo. W.	do.	400.00	
Woolsey, Theo. S., jr.	do.	400.00	7.95
Ines, Richard P.	Inspector, at \$1,500 and \$1,800.	a 575.00	
Erickson, Martin L.	Inspector, at \$1,500.	375.00	
Flintham, Stuart J.	do.	375.00	346.27
Silcox, Ferdinand A.	do.	29.17	
Waha, Alpheus O.	do.	a 396.00	
White, Leslie L.	do.	375.00	
Woodbury, Trueman D.	Inspector, at \$1,400.	233.34	
Ames, Fred E.	Inspector, at \$1,500.	325.00	
Moore, Sydney L.	Inspector, at \$1,200.	200.00	
Griffith, Edward M.	Inspector, at \$1,000.	83.34	
Tompkins, Harry J.	Assistant forest inspector and forest assistant, at \$1,700 and \$1.25 per diem.	a 1,256.67	
Joy, L. E.	Constructing civil engineer, at \$1,600.	71.11	
Sherrard, Thos. H.	Forest supervisor and temporary special disbursing agent, at \$2,700.	1,260.00	238.99
Breen, Frederick S.	Forest supervisor and temporary special disbursing agent, at \$2,300.	a 670.83	231.31
McClure, Robert C.	Forest supervisor and temporary special disbursing agent, at 2,200.	a 366.67	
Fenn, Frank A.	Forest supervisor, at \$2,200 and \$2,400.	a 1,383.34	92.35
Charlton, R. H.	Forest supervisor and temporary special disbursing agent, at \$2,100 and \$2,300.	a 1,325.00	235.66
Barrett, Louis A.	Forest supervisor, at 2,100.	a 963.00	331.25
Miller, Robert E.	do.	1,050.00	89.91
Shinn, Chas. H.	Forest supervisor, at \$2,000 and \$2,200.	a 1,266.67	932.96
Sheller, David B.	Forest supervisor, at \$2,000.	a 294.44	301.09
Bartrum, S. C.	Forest supervisor and temporary special disbursing agent, at \$1,900.	a 950.00	222.88
Rutledge, Richard H.	do.	950.00	425.60
Slosson, Willis M.	do.	a 1,108.34	1,016.42
Allen, Grenville F.	Forest supervisor, at \$1,900.	a 1,108.34	97.09
Bunker, Page S.	do.	950.00	113.09
Kerr, John.	do.	950.00	1,553.34
Nelson, Jesse W.	do.	950.00	476.70
Elliott, Madison B.	Forest supervisor and temporary special disbursing agent, at \$1,800 and \$2,000.	a 1,150.00	504.17
Jackson, William E.	Forest supervisor, at \$1,800 and \$2,000.	a 1,150.00	24.05
Marshall, G. E.	do.	a 1,150.00	263.41
Jensen, Adolph W.	Forest supervisor, at \$1,800 and \$1,900.	a 625.00	94.25
Pooler, Frank C. W.	Forest supervisor and temporary special disbursing agent, at \$1,800.	900.00	744.61
Thurston, Harry W.	do.	750.00	68.76
Porter, Herbert K.	Forest supervisor, at \$1,800.	400.00	657.46
Mainwaring, Edward S.	do.	900.00	183.76
Woods, Clarence W.	do.	900.00	750.18
Greeley, W. B.	Forest supervisor, at \$1,700 and \$2,000, and associate chief, management, at \$2,000.	a 808.33	148.25
Koch, Elers.	Forest supervisor and temporary special disbursing agent, at \$1,700 and \$2,000.	a 1,141.67	507.35
Pack, Willard I.	Forest supervisor, at \$1,700 and \$2,000.	a 1,141.67	357.92

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Haines, Fremont N.....	Forest supervisor, at \$1,700 and \$1,900.....	a \$1,091.67	\$264.83
Milham, George W.....	Forest supervisor and temporary special disbursing agent, at \$1,700 and \$1,800.....	a 816.67	104.37
Seely, Jasper B.....	Forest supervisor, at \$1,700 and \$1,800.....	a 1,041.67	341.25
Reed, William H.....	do.....	a 1,041.67	184.95
Kinney, David G.....	Forest supervisor and temporary special disbursing agent, at \$1,700.....	850.00	182.14
Hall, Chas. C.....	do.....	708.33	215.80
Anderson, Milton J.....	Forest supervisor, at \$1,700.....	870.00	249.60
Bigelow, Richard L. P.....	do.....	a 850.01	145.42
Blair, James A.....	do.....	850.00	464.47
Britten, Ernest.....	do.....	850.00	217.10
Chidsey, Thos. E.....	do.....	850.00	96.55
Harris, Hugh H.....	do.....	472.22	140.29
Ingram, Guy M.....	do.....	850.00	797.49
Jones, Zeph.....	do.....	850.00	163.32
Mains, Guy B.....	do.....	850.00	335.42
Scott, Chas. A.....	do.....	a 141.67	103.20
Willson, Roscoe G.....	do.....	850.00	332.70
Wyman, Cyrus K.....	do.....	a 850.00	203.79
Bushnell, Dwight.....	Forest supervisor, at \$1,600 and \$1,900.....	a 1,083.34	451.47
Fenn, Homer E.....	do.....	a 1,083.34	124.85
French, Harry H.....	Forest supervisor and temporary special disbursing agent, at \$1,600 and \$1,800.....	a 1,033.34	549.52
Clarke, Edwin H.....	Forest supervisor, at \$1,600 and \$1,800.....	a 883.34	101.28
Ireland, Adison S.....	do.....	a 1,033.34	247.98
Lafferty, J. B.....	do.....	a 883.34	575.17
Marshall, Harold A. E.....	do.....	a 1,033.34	552.15
Spencer, Frank C.....	Forest supervisor and temporary special disbursing agent, at \$1,600, and forest supervisor, at \$1,700.....	a 550.01	38.23
Hoyt, Timothy C.....	Forest supervisor, at \$1,600 and \$1,700.....	a 983.34	89.85
Hurst, William.....	do.....	a 841.67	76.88
Wheeler, Herbert N.....	do.....	a 974.44	302.41
Bell, J. R.....	Forest supervisor, at \$1,600.....	a 133.34	7.80
Bentz, George G.....	do.....	800.00	271.93
Coleman, Gilbert B.....	do.....	a 493.34	76.85
Cryder, William W., jr.....	do.....	800.00	158.61
Hinderer, Chas. H.....	do.....	400.00	305.63
Hogue, Alexander H.....	do.....	a 800.00	138.69
Husted, Shepherd N.....	do.....	a 133.34	.....
Wedemeyer, John T.....	do.....	800.00	281.20
Davis, L. G.....	do.....	133.34	.....
Ellis, S. L. N.....	do.....	a 133.34	6.30
McConnell, Benjamin F.....	do.....	a 133.34	.....
Record, Samuel J.....	do.....	800.00	279.81
Russell, Edwin C.....	do.....	800.00	208.05
O'Brien, Howard K.....	Forest supervisor, at \$1,500 and \$1,900.....	a 1,075.00	141.25
Schmitz, John M.....	Forest supervisor, at \$1,500 and \$1,800.....	a 1,025.00	420.89
Barney, George H.....	Forest supervisor, at \$1,500 and \$1,600.....	a 925.00	112.92
Pack, Daniel S.....	do.....	a 925.00	127.25
Williams, Eugene.....	do.....	a 908.34	289.53
Coleman, George A.....	Forest supervisor, at \$1,500.....	a 508.33	211.88
Fitton, David E.....	do.....	750.00	250.23
Hanson, Frederick.....	do.....	a 375.00	669.95
McGlone, Charles T.....	do.....	a 375.00	39.75
Smith, John F.....	do.....	a 125.00	18.40
Wrensted, Peter T.....	do.....	a 375.00	357.75
Torstenson, Nels O.....	do.....	750.00	209.67
Woodruff, Mark G.....	Forest supervisor, at \$1,400 and \$1,800.....	a 1,016.67	289.13
McMillan, Ross.....	Forest supervisor, at \$1,400 and \$1,700.....	a 943.06	.....
Stroup, Andrew L.....	do.....	a 966.67	336.96
Conkling, David T.....	Forest supervisor and temporary special disbursing agent, at \$1,400 and \$1,600.....	a 650.00	70.30
Hafley, F. H.....	do.....	a 516.67	64.15
Kreutzer, William R.....	do.....	a 916.67	135.78
Snell, Nathan E.....	Forest supervisor and temporary special disbursing agent, at \$1,400, and forest supervisor, at \$1,600.....	a 916.67	84.85

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Anderson, David	Forest supervisor, at \$1,400 and \$1,600	a \$916.67	\$239.35
Moore, Robert J.	Forest supervisor, at \$1,400 and \$1,500	a 703.05	15.40
Selkirk, R. J.	do	a 866.67	391.60
Snow, Orrin C.	do	a 866.67	179.32
Stuart, Robt. W.	do	a 866.67	794.55
Harris, Selden F.	Forest supervisor, at \$1,400	a 116.67	-----
Higgins, Chas. G. Y.	do	a 816.67	32.80
Hogan, Thomas	do	a 350.00	81.70
Thann, James G.	do	a 816.67	141.25
Todd, Ira E.	do	a 116.67	-----
Cooley, Charles F.	Forest supervisor, at \$1,200 and \$1,400	a 772.78	50.01
Hamilton, Edwin M.	Lumberman and temporary special disbursing agent and forest supervisor, at \$2,200.	1,100.00	520.38
Fitzgerald, Christopher W.	Deputy forest supervisor and temporary special disbursing agent, at \$1,600.	800.00	2,107.63
Barnett, David	Deputy forest supervisor, at \$1,600	800.00	214.60
Buck, Clarence J.	do	800.00	106.05
Merrill, Hamilton G.	do	800.00	-----
Headley, Roy	Deputy forest supervisor and temporary special disbursing agent, at \$1,500.	750.00	323.85
Squires, John F.	Deputy forest supervisor, at \$1,500	a 875.00	27.40
Scitz, Clyde R.	Deputy forest supervisor, at \$1,400, and forest supervisor and temporary special disbursing agent, at \$1,800.	a 966.11	241.05
Wilson, R. B.	do	a 566.67	152.86
McCain, Arthur C.	Deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,600.	a 904.16	18.35
Goddard, William H.	Deputy forest supervisor, at \$1,400 and \$1,500	a 429.67	14.00
Ballinger, Charles A.	Deputy forest supervisor, at \$1,400	a 816.67	430.70
Blackhall, James	do	700.00	42.75
Marshall, D. S.	do	a 812.78	-----
Parker, A. A.	do	700.00	266.38
Neal, Arthur M.	Deputy forest supervisor, at \$1,300 and \$1,500	700.00	330.92
Anderson, Wm. M.	Deputy forest supervisor, at \$1,300 and \$1,400	a 785.01	50.00
Burton, William C.	do	666.67	64.85
Daughs, William H.	do	a 808.34	284.81
Berky, Edgar C.	Deputy forest supervisor, at \$1,300	650.00	26.95
Brown, Gilbert D.	do	650.00	22.65
Kling, L. A. H.	Deputy forest supervisor, at \$1,200 and \$1,500	a 850.00	163.72
Guthrie, Hugh M.	Deputy forest supervisor, at \$1,200	600.00	98.95
Lantry, V. Gifford, jr.	do	600.00	358.95
Pratt, Lorum	do	a 100.00	-----
Shockley, Hepler R.	Deputy forest supervisor, at \$1,000 and \$1,200	a 553.34	105.94
Morrill, Walter J.	Forest assistant, at \$1,500 and \$1.25 per diem, and deputy forest supervisor, at \$1,600.	863.19	85.55
Hale, H. M.	Forest assistant, at \$1,500 and \$1.25 per diem	748.00	101.69
Maule, William M.	Forest assistant, at \$1,500 and \$0.50 per diem	a 981.50	197.35
Bridges, John H.	Forest assistant, at \$1,400 and \$1.25 per diem	927.49	15.70
Smith, Clinton G.	do	a 1,073.34	6.15
Ayres, Robert W.	Forest assistant, at \$1,400 and at \$1,400 and \$1.25 per diem.	778.38	1.45
Neel, Harry C.	Forest assistant, at \$1,300 per annum and \$1.50 per diem.	923.00	40.25
Keach, John E.	Forest assistant, at \$1,300 and \$1.25 per diem	a 877.50	6.05
Allison, John H.	Forest assistant, at \$1,200 and \$1.50 per diem	a 1,001.34	-----
Read, Arthur D.	Forest assistant, at \$1,200 and \$1.50 per diem, at \$1,200 and \$1.25 per diem, and at \$1,200 and \$1.50 per diem.	a 978.59	113.19
Brown, H. J.	Forest assistant, at \$1,200 and \$1.50 per diem	a 145.00	-----
Rodman, Douglas	do	a 1,259.50	199.53
Steele, Dorr	do	a 856.50	10.50
Studley, Horace F.	do	436.50	22.60
Cohon, Anson E.	Forest assistant, at \$1,200 and \$1.25 per diem, deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,600.	a 846.39	111.47
Fromme, Rudo L.	Forest assistant, at \$1,200 and \$1.25 per diem, deputy forest supervisor and forest supervisor and temporary special disbursing agent, at \$1,500.	a 870.84	185.19

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Flory, Charles H. ....	Forest assistant, at \$1,200 and \$1.25 per diem and at \$1,200, and forest supervisor, at \$1,500.	a \$670.84	\$206.71
Kirkland, Burt P. ....	Forest assistant, at \$1,200 and \$1.25 per diem, and forest supervisor, at \$1,500.	a 935.84	93.62
White, Wilfred W. ....	Forest assistant, at \$1,200 and \$1.25 per diem, and deputy forest supervisor, at \$1,500.	a 870.84	42.45
Morrell, Fred W. ....	Forest assistant, at \$1,200 and \$1.25 per diem, and inspector, at \$1,400.	a 470.84	.....
Pratt, M. B. ....	Forest assistant, at \$1,200 and \$1.25 per diem, and at \$1,300 and \$1.25 per diem.	a 869.16	16.60
Bruins, J. F. ....	Forest assistant, at \$1,200 and \$1.25 per diem.	a 948.34	27.05
Hamman, Richard F. ....	do.	668.75	50.55
Powers, Allan R. ....	do.	a 120.84	.....
Ramskill, Jerome H. ....	do.	a 965.00	.....
Worthley, Irving T. ....	do.	589.17	59.12
Stuart, Robt. Y. ....	Forest assistant, at \$1,200.	300.00	.....
Burrall, Harrison D. ....	Forest assistant, at \$1,100 and \$1.50 per diem.	a 951.33	66.10
Barton, J. Earle. ....	Forest assistant, at \$1,100 and \$1.25 per diem, and deputy forest supervisor, at \$1,500.	a 692.17	.75
Butler, Ovid M. ....	Forest assistant and temporary special disbursing agent, at \$1,000 and \$1.25 per diem, and deputy forest supervisor, at \$1,400.	724.58	63.60
Lovejoy, Parish S. ....	Forest assistant, at \$1,000 and \$1.25 per diem, and deputy forest supervisor, at \$1,400.	717.92	186.97
Mast, William H. ....	Forest assistant, at \$1,100, and deputy forest supervisor and temporary special disbursing agent, at \$1,300.	a 579.34	236.13
Hadley, Walter B. ....	Forest assistant, at \$1,100 and \$1,300.	a 741.67	927.00
Foster, Harold D. ....	Forest assistant, at \$1,100 and \$1.25 per diem, and at \$1,200 and \$1.25 per diem.	a 922.22	22.05
Coolidge, Philip T. ....	Forest assistant, at \$1,100 and \$1.25 per diem.	777.50	14.88
Stickney, Mallory N. ....	do.	a 898.34	21.70
Balthis, Russell F. ....	Forest assistant, at \$1,000 and \$1.50 per diem.	793.84	.....
Drake, Willard M. ....	do.	a 901.34	.....
Janes, Lionel L. ....	do.	773.00	137.90
Terry, Elwood I. ....	do.	773.00	22.35
Berry, Swift. ....	Forest assistant, at \$1,000 and \$1.25 per diem.	711.39	11.35
Granger, Christopher M. ....	do.	727.50	106.55
Kellogg, Frank B. ....	do.	727.50	32.96
Macduff, Nelson F. ....	do.	727.50	36.00
MacGuffy, Kingsley R. ....	do.	654.99	8.45
Murdock, John, jr. ....	do.	727.50	6.75
Pond, Russell C. ....	do.	453.62	23.85
Rogers, David N. ....	do.	727.50	.....
Stretch, Rolland A. ....	do.	727.50	4.10
Whitney, Chester N. ....	do.	727.50	.....
Clifford, Edward C. ....	Forest assistant, at \$1,000 and \$1,200.	a 283.34	70.23
Hayes, Wm. D. ....	Forest assistant, at \$1,000.	500.00	143.36
Kummel, Julius F. ....	do.	a 157.78	.....
Dunston, Clarence E. ....	Forest assistant, at \$900 and \$1.25 per diem.	a 112.50	.....
Rush, Frank. ....	Forest agent, at \$1,400.	700.00	39.45
Bradish, W. N. ....	Forest agent, at \$1,200, and forest ranger, at \$1,200 and \$1,400.	a 733.34	21.12
Rothkugel, Max. ....	Forest agent, at \$1,200.	300.00	295.96
Billier, Harry A. ....	Forest agent, at \$1,000.	a 83.34	.....
Tompkins, Frank. ....	do.	a 166.68	76.35
Senn, Alfred. ....	Forest agent, at \$900.	75.00	45.10
Parnay, Seroppe Y. ....	Expert, at \$900 and \$1,000, and forest-planting assistant, at \$1,000.	a 575.00	93.42
Bechtie, Cecil R. ....	Forest-planting assistant, at \$900.	225.00	.....
d'Allemand, B. R. H. ....	do.	a 99.17	.....
Fetherolf, Nathan J. ....	do.	a 596.67	.....
Hedricks, Amos. ....	do.	230.00	8.30
Keator, Roscoe I. ....	do.	225.00	.....
Lawbaugh, Elmer E. ....	do.	225.00	25.45
Rickey, Fred L. ....	do.	150.00	.....
Schrader, Walter H. ....	do.	225.00	166.64
Taylor, Chas. R. ....	do.	252.50	18.20

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Turner, Harry C.	Forest-planting assistant, at \$900	\$450.00	\$70.30
Besley, La Moree	Forest-planting assistant, at \$800 and \$900.	a 311.67	
Muzzall, Henry C.	do.	a 516.67	15.10
Grandjean, Emile	Forest ranger, at \$1,600, and forest supervisor and temporary special disbursing agent, at \$1,800.	a 1,008.34	276.29
Ireland, Henry	Forest ranger, at \$1,400, and forest supervisor and temporary special disbursing agent, at \$1,800.	a 1,016.67	382.27
Kinney, James H.	Forest ranger, at \$1,400, and forest supervisor, at \$1,600.	a 903.34	396.65
Clark, John H.	Forest ranger, at \$1,400.	700.00	662.42
Kueny, Frank A.	do.	a 816.67	
Tremewan, C. Sydney	do.	700.00	118.45
Sherwin, Frank R., jr.	Forest ranger, at \$1,300, and deputy forest supervisor, at \$1,500.	a 175.01	
La Plant, Joseph C.	Forest ranger, at \$1,300 and \$1,400.	a 808.34	90.70
Crow, Benjamin H.	Forest ranger, at \$1,300.	a 108.34	
Kenner, Beauregard	do.	650.00	86.35
Neff, William C.	do.	650.00	
Shaw, Ernest W.	Forest ranger, at \$1,200, and forest supervisor, at \$1,800.	a 850.00	418.04
Stahl, Carl J.	Forest ranger, at \$1,200, and forest supervisor, at \$1,500.	a 850.00	293.40
Martin, Drayton C.	Forest ranger, at \$1,200 and \$1,400, and forest supervisor, at \$1,500.	a 821.11	148.25
McLaren, John	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300 and \$1,500.	a 787.22	75.26
Bergh, Henry A.	Forest ranger, at \$1,200, and deputy forest ranger, at \$1,500.	a 396.68	19.64
Harley, Frank W.	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.	a 775.00	
Stewart, Thos. R.	do.	a 800.00	154.34
Swenning, Samuel S.	do.	a 800.00	193.35
Farley, George	Forest ranger, at \$1,200 and \$1,400.	a 833.34	60.50
Wilkerson, Nathaniel E.	do.	a 800.00	11.75
Wells, John C.	Forest ranger, at \$1,200, \$1,300, and \$1,400.	a 775.00	38.70
McCoy, William	do.	a 766.67	139.94
Mathews, Harry E.	Forest ranger, at \$1,200 and \$1,400.	683.34	116.85
Pogge, Ulrich C.	do.	a 750.00	
Smith, George C.	do.	633.34	176.56
Steele, Foster	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300 and \$1 per diem.	a 719.89	70.20
Perrine, Wallace S.	Forest ranger, at \$1,200, and deputy forest supervisor, at \$1,300.	a 533.33	
Ashlock, Norman S.	Forest ranger, at \$1,200 and \$1,300.	a 750.00	17.60
Benedict, Lewis	do.	a 750.00	
Black, Charles	do.	a 750.00	
Douglas, Ansburn H.	do.	a 741.67	92.20
Douglass, Stephen H.	do.	a 750.00	
Fenton, Patrick A.	do.	a 750.00	
Holbrook, Wellman	do.	a 750.00	11.70
Hudson, Clifton W.	do.	a 750.00	
Johnson, Lewis E.	do.	a 750.00	
Taylor, Wm. B.	do.	a 706.67	
Wallace, William F.	do.	a 750.00	
Mullison, John H.	do.	a 750.00	54.74
Phelps, William A.	do.	a 750.00	
Searcy, Elmore W.	do.	a 750.00	24.05
Snodgrass, Perry L.	do.	a 750.00	45.70
Alsop, John D.	Forest ranger, at \$1,200.	600.00	
Armstrong, Charles W.	do.	a 187.00	
Blankenship, Spencer A.	do.	586.67	41.15
Bowen, W. Jones	do.	a 673.89	
Bushnell, Ralph H.	do.	a 582.50	8.60
Callister, T. Clark	do.	600.00	
Case, John B.	do.	a 233.33	
Chambertain, C. A.	do.	600.00	20.40

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Coolin, David.....	Forest ranger, at \$1,200.....	a \$100.00	.....
Durbin, Wm. G.....	do.....	400.00	\$15.75
Fay, Walter A.....	do.....	a 700.00	.....
Foster, Isaiah W.....	do.....	a 340.00	16.25
Giffin, Marshel F.....	do.....	a 100.00	.....
Gardner, Percy (E. S. Mainwaring, administrator estate).....	do.....	113.33	.....
Hall, Henry C.....	do.....	600.00	108.15
Harris, Alfred E.....	do.....	600.00	13.90
Hays, John W., jr.....	do.....	600.00	.....
Heavey, Ed H.....	do.....	600.00	.....
Helfrich, Frank.....	do.....	a 700.00	73.09
Hinderer, Edward A.....	do.....	700.00	20.00
Imes, Carl.....	do.....	a 100.00	.....
Kaufman, Harry S.....	do.....	543.33	.....
Kavanagh, Edward N.....	do.....	a 100.00	.....
Lee, Charles W.....	do.....	600.00	.....
Lovelace, Byron O.....	do.....	a 700.00	38.01
Lyon, Robt. G.....	do.....	513.33	24.50
McDonald, Roderick D.....	do.....	a 700.00	.....
McMullin, Chas. E.....	do.....	600.00	24.80
Morgenroth, Christ.....	do.....	a 700.00	.....
Nielson, Oluf G.....	do.....	343.33	.....
Pace, Charles W.....	do.....	a 100.00	.....
Pack, John A.....	do.....	a 696.67	.....
Phillips, Ress.....	do.....	400.00	205.61
Pring, William H.....	do.....	186.11	44.75
Raphael, John.....	do.....	600.00	.....
Ring, George V.....	do.....	a 700.00	10.00
Robertson, Benjamin.....	do.....	600.00	54.80
Rosencrans, Rudolph.....	do.....	600.00	.....
Ruff, John H.....	do.....	600.00	284.95
Smith, William Wiley.....	do.....	600.00	.....
Spaulding, Thos. C.....	do.....	a 635.00	42.65
Stephenson, Elmer E.....	do.....	600.00	20.65
Streit, Joseph W.....	do.....	600.00	.....
Swim, Clarence B.....	do.....	546.67	.....
Tyler, Raymond.....	do.....	a 700.00	242.86
Walter, William.....	do.....	a 700.00	20.80
Watkins, Thos. J.....	do.....	600.00	15.50
Whidden, George L.....	do.....	200.00	.....
Whitney, Frederick D.....	do.....	a 700.00	.....
Wickersham, Merritt A.....	do.....	a 700.00	.....
Williams, Albert H.....	do.....	a 700.00	13.40
Gorder, George A.....	Forest ranger, at \$1,200, and deputy forest ranger, at \$1,000.....	a 600.00	.....
Kelley, Evan W.....	Forest ranger, at \$1,100 and \$1,300.....	a 525.00	74.50
Jones, Edward E.....	Forest ranger, at \$1,100 and \$1,200.....	a 691.67	72.05
Julien, Taylor E.....	Forest ranger, at \$1,000 and \$1,200.....	a 220.01	.....
Reynolds, Albert.....	Forest ranger, at \$1,100.....	a 641.67	.....
Hiskey, George B.....	Deputy forest ranger, at \$1,200.....	600.00	119.25
McCoey, William H.....	do.....	a 700.00	.....
Rachford, C. E.....	Deputy forest ranger, at \$1,100, and forest supervisor, at \$1,500.....	a 841.67	179.37
Mackay, A. J.....	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400, and forest supervisor, at \$1,500.....	a 808.33	134.47
Zachau, Arthur H.....	Deputy forest ranger, at \$1,100, deputy forest supervisor, at \$1,400 and \$1,500.....	a 815.28	193.93
Campbell, Walter M.....	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,400.....	a 791.67	224.13
Lynn, Arthur L.....	do.....	a 791.67	69.75
Smith, Charles L.....	Deputy forest ranger, at \$1,100, and forest ranger and deputy forest supervisor, at \$1,400.....	a 791.67	144.55
Hill, W. F.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200, and deputy forest supervisor, at \$1,400.....	a 725.01	104.95

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lowell, John W., jr.....	Deputy forest ranger, at \$1,100, and deputy forest supervisor, at \$1,300.	a \$741.67	.....
Schoonover, Charles E.....	do.....	a 741.67	\$115.15
Seaman, Frank W.....	do.....	a 741.67	70.35
Bingham, Cyrus J.....	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,400.	a 783.34	220.49
Harvey, J. Roy.....	do.....	a 783.34	135.24
MacKenzie, Thos. P.....	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,200 and \$1,400.	a 716.68	15.95
Ratliff, James H.....	do.....	a 730.01	205.32
Shelley, R. S.....	Deputy forest ranger, at \$1,000 and \$1,100, and deputy forest supervisor, at \$1,400.	a 671.68	34.70
Bonner, Vernon L.....	Deputy forest ranger, at \$1,000, and deputy forest supervisor, at \$1,200.	a 683.34	.....
McPheters, Herbert G.....	do.....	a 683.34	18.20
Ryan, James M.....	do.....	508.33	26.25
Allred, J. Carl.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,300.	a 741.67	.....
Armentrout, Edwin S.....	do.....	a 725.00	.....
Blair, Frank A.....	do.....	a 741.67	19.30
Brownlow, Oliver P.....	do.....	a 741.67	7.30
Hepburn, Edwin D.....	do.....	a 741.67	.....
Kelso, William B.....	do.....	a 741.67	.....
Marston, Lea.....	do.....	a 741.67	.....
Maryott, Dana W.....	do.....	a 741.67	203.53
Noddin, J. T.....	do.....	741.67	.....
Patterson, John H.....	do.....	741.67	40.90
Quigley, Christopher J.....	do.....	a 741.67	.....
Sullens, J. Milton.....	do.....	a 741.67	.....
Themon, Edward C.....	do.....	a 741.67	.....
Bald, George A.....	Deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	a 691.67	.....
Birdno, Geo. H.....	do.....	691.67	127.11
Carpenter, Grant.....	do.....	a 691.67	.....
Castle, Harry L.....	do.....	a 675.00	.....
Cuenin, Joseph M.....	do.....	a 691.67	79.70
Flourney, Robert W.....	do.....	a 691.67	31.85
Hazzard, William H.....	do.....	a 691.67	52.24
Henrie, Samuel E.....	do.....	a 691.67	.....
Hilton, Franklin P.....	do.....	a 691.67	3.15
Libeu, John B.....	do.....	a 691.67	.....
Lillie, Frank C.....	do.....	a 691.67	.....
McLeod, Malcolm.....	do.....	a 691.67	.....
Mack, Clarence A.....	do.....	a 691.67	.....
Neill, Reuben L.....	do.....	a 691.67	.....
Power, William H.....	do.....	a 591.67	.....
Thornton, Francis M.....	do.....	a 691.67	14.10
Reyes, Jacinto D.....	do.....	a 670.28	.....
Riddle, Wallace M.....	do.....	a 525.28	.....
Robinson, Walter C.....	do.....	a 691.67	50.07
Rushing, William J.....	do.....	a 691.67	.....
Smith, Elias H.....	do.....	a 691.67	.....
Stoddard, Carl.....	do.....	a 668.33	.....
Rudd, Davis B.....	Deputy forest ranger, at \$1,100, and deputy forest supervisor and forest ranger, at \$1,200.	a 691.67	21.40
Alverson, John E.....	Deputy forest ranger, at \$1,100.	550.00	64.00
Anderson, William A.....	do.....	305.56	.....
Arnold, Asa G.....	do.....	550.00	14.15
Baker, William W.....	do.....	550.00	3.00
Billings, Nelson Jay.....	do.....	550.00	10.85
Blocker, Sam A.....	do.....	550.00	.....
Bradford, Fred M.....	do.....	550.00	1.50
Bradner, George.....	do.....	550.00	.....
Bushnell, Howard C.....	do.....	550.00	72.20
Chapin, Guilford B.....	do.....	a 641.67	.....
Christiansen, Joseph N.....	do.....	308.61	.....
Claffin, Albert B.....	do.....	550.00	.....
Clark, Jay C.....	do.....	550.00	.....

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Clay, Samuel H.	Deputy forest ranger, at \$1,100	\$641.67	
Clyde, John D.	do.	550.00	
Conlon, Joseph F.	do.	<sup>a</sup> 641.67	\$17.00
Conrad, Alfred B.	do.	<sup>a</sup> 641.67	64.78
Cosper, Bert.	do.	<sup>a</sup> 91.68	
Crawford, Chipman L.	do.	550.00	
David, John E.	do.	550.00	
Dean, Richard P.	do.	<sup>a</sup> 641.67	
Drew, N. B.	do.	550.00	7.98
Elder, Jason S.	do.	550.00	
Emery, Oscar A.	do.	473.61	
Erickson, Nell.	do.	<sup>a</sup> 733.35	
Fay, Herbert B.	do.	550.00	26.20
Ferguson, John A.	do.	546.94	
Funk, William D.	do.	<sup>a</sup> 91.67	
Gooldy, Penn L.	do.	550.00	59.85
Graham, Frank A.	do.	550.00	15.70
Gray, Wm. W.	do.	550.00	
Harkness, Daniel D.	do.	550.00	
Harris, Lee A.	do.	<sup>a</sup> 91.67	
Hastings, Lucas W.	do.	550.00	
Haun, Frank D.	do.	550.00	
Hoy, Abraham L.	do.	<sup>a</sup> 641.67	
Johnson, William P.	do.	550.00	
Jones, Birtsal W.	do.	550.00	11.35
Leavitt, Scott.	do.	550.00	
Lewis, Lester J.	do.	<sup>a</sup> 641.67	
Long, Harry H.	do.	550.00	32.25
Longwell, T. B.	do.	550.00	
McCaIn, Frank.	do.	91.67	
McGhie, Wm. M.	do.	287.22	
McPherson, Shelton I.	do.	<sup>a</sup> 641.67	
Maelzer, Julius G.	do.	550.00	8.00
Martin, George E.	do.	550.00	
Maxfield, John D.	do.	550.00	4.95
McIlrose, James W.	do.	<sup>a</sup> 91.67	
Miller, George M.	do.	550.00	65.36
Moody, Joseph M.	do.	550.00	
Morgan, Lewis T.	do.	550.00	166.00
Moylle, Sydney.	do.	550.00	33.12
Musick, Walter G.	do.	550.00	13.50
Musgrave, M. E.	do.	550.00	8.75
Pelton, James L.	do.	287.22	17.52
Peterson, Lehl, Jr.	do.	550.00	11.45
Poole, Charles G.	do.	550.00	
Rackliff, Thomas S.	do.	<sup>a</sup> 623.34	
Riis, John.	do.	550.00	45.40
Roberts, Arthur C.	do.	550.00	
Robertson, Mark M.	do.	550.00	36.62
Rodgers, Robert A.	do.	550.00	
Rogers, John H.	do.	550.00	32.95
Rose, Hyrum O.	do.	550.00	19.50
Ross, Homer.	do.	<sup>a</sup> 427.78	
Rutledge, Warren H.	do.	<sup>a</sup> 91.67	
Rudd, William M., Jr.	do.	<sup>a</sup> 641.67	
Sandercok, Benj. F.	do.	550.00	
Sease, Samuel J.	do.	550.00	19.75
Shields, John.	do.	550.00	20.15
Simmons, J. A.	do.	550.00	21.15
Smith, Frank T.	do.	<sup>a</sup> 641.67	17.25
Smith, Glen A.	do.	550.00	151.50
Snider, H. R.	do.	550.00	
Soards, Roysten J.	do.	550.00	
Stell, Wm.	do.	550.00	
Stephens, John E.	do.	513.33	18.80
Stone, Eugene M.	do.	550.00	
Swan, Wm.	do.	550.00	12.95
Thompson, James M.	do.	504.17	16.45

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thorpe, Charles L.	Deputy forest ranger, at \$1,100	\$436.95	\$436.95
Tuft, Albert	do	550.00	.....
Van Deventer, John	do	a 91.67	.....
Van Dyk, Gerrit M.	do	550.00	23.80
Wasson, Thomas	do	a 641.67	.....
Waters, Roy G.	do	550.00	25.00
Wenn, Frederic	do	550.00	39.80
Wilson, Emery E.	do	550.00	.....
Yarnall, Silas W.	do	550.00	.....
Young, Carl H.	do	550.00	26.75
Tibbetts, Sewell	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200 and \$1,400.	a 716.68	65.50
Christiansen, Parley	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,300.	a 733.34	55.26
Jeken, Frederic J.	do	a 733.34	.....
Long, Ernest B.	do	a 722.51	7.55
Adamson, Jesse W.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	a 670.01	.....
Amger, Fred E.	do	a 683.34	.....
Alexander, Leslie	do	a 683.34	11.80
Ammon, Junius L.	do	a 683.34	.....
Bradley, Richard N.	do	a 683.34	.....
Bradt, Clarence E.	do	a 683.34	.....
Bunker, Ernest C.	do	a 683.34	.....
De Groot, Peter	do	a 683.34	17.45
De Lang, James H.	do	a 683.34	.....
Derrick, Walter J.	do	a 683.34	16.43
Eastland, Joseph C.	do	a 530.01	6.56
Chapson, Elmer E.	do	a 556.67	.....
Clack, John H.	do	a 683.34	28.04
Cleaveland, Horance A.	do	a 683.34	24.30
Crandell, Lemuel D.	do	a 683.34	.....
Fishel, E. E.	do	a 683.34	.....
Fisher, George A.	do	a 683.34	.....
Jacques, Thos. E.	do	a 313.34	.....
Urquhart, Keith A.	do	a 583.34	.....
Whitney, Charles A.	do	a 450.00	46.50
Winkler, Ernest	do	a 683.34	.....
Sears, Willard L.	do	a 683.34	28.50
Shurtz, Ambrose	do	a 683.34	.....
Snyder, Arthur	do	a 725.01	.....
Strawn, Alfred L.	do	a 683.34	2.15
Chivington, Harry H.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,100.	a 633.34	29.50
Hall, George A.	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,200.	a 606.67	.....
Herrig, Fred	do	a 556.67	4.95
Hettinger, August	do	a 683.34	.....
Klein, Oswald H.	do	a 766.67	4.50
Mundy, John	do	a 680.01	33.65
Porter, Joseph J.	do	a 683.34	.....
McKenzie, Ray	Deputy forest ranger, at \$1,000, and forest ranger, at \$1,100.	a 450.00	16.30
Payne, Ernest D.	do	a 633.34	.....
Allen, Samuel P.	Deputy forest ranger, at \$1,000 and \$1,100.	a 633.34	.....
Alles, Conrad	do	a 633.34	36.00
Bailey, James D.	do	a 633.34	.....
Bish, Edward	do	a 633.34	.....
Borum, William W.	do	a 633.34	11.55
Brough, Walter E.	do	a 633.34	.....
Buchholz, James O.	do	a 633.34	.....
Cline, John	do	a 624.18	.....
Coleman, Oliver S.	do	a 633.34	.....
Cooke, Joseph E.	do	a 611.95	.....
Cooper, Warren M.	do	a 358.34	23.20
Cyphers, William S.	do	a 358.34	17.40
Davis, Charles A.	do	a 600.01	.....
Davison, Edgar B.	do	a 633.34	.....
Duffy, Bernard J.	do	a 633.34	21.15

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Durant, Magnus J.	Deputy forest ranger, at \$1,000 and \$1,100.	<sup>a</sup> \$633.34	
Eveleth, Ralph J.	do.	<sup>a</sup> 633.34	
Fisher, Jerry J.	do.	<sup>a</sup> 633.34	
Forsyth, Ronald G. H.	do.	<sup>a</sup> 627.78	
Gribble, Elmer W.	do.	<sup>a</sup> 633.34	
Hays, Samuel R.	do.	<sup>a</sup> 633.34	
Hoffman, Albert H.	do.	<sup>a</sup> 633.34	\$16.75
Hurd, H. C.	do.	<sup>a</sup> 541.67	61.61
Kinsey, Theodore T.	do.	<sup>a</sup> 630.28	31.50
Laing, David.	do.	<sup>a</sup> 633.34	42.70
Leatham, James.	do.	<sup>a</sup> 633.34	39.95
Lewis, Paderson Y.	do.	<sup>a</sup> 633.34	
Liebig, Frank F.	do.	<sup>a</sup> 633.34	
Lowell, James J.	do.	<sup>a</sup> 633.34	64.66
Mackelfresh, Oscar S.	do.	<sup>a</sup> 633.34	31.15
Martin, A. D.	do.	<sup>a</sup> 633.34	
Miller, Robt. H.	do.	<sup>a</sup> 633.34	
Muzzall, Henry W.	do.	<sup>a</sup> 633.34	
Myers, Thomas G.	do.	<sup>a</sup> 584.46	
Platten, Fred.	do.	<sup>a</sup> 633.34	
Prout, Joseph H.	do.	<sup>a</sup> 633.34	21.90
Riggs, Blaine L.	do.	<sup>a</sup> 633.34	
Reyes, Gerard V.	do.	<sup>a</sup> 633.34	
Servoss, Frank R.	do.	<sup>a</sup> 623.62	
Shellabarger, C. W.	do.	<sup>a</sup> 358.34	21.90
Smith, Truman O.	do.	<sup>a</sup> 633.34	32.60
Smith, William Willis.	do.	<sup>a</sup> 633.34	
Thompson, Clarke.	do.	<sup>a</sup> 633.34	
Tully, E. F.	do.	<sup>a</sup> 450.01	
Underwood, Robert N.	do.	<sup>a</sup> 633.34	39.85
Vance, Edward N.	do.	<sup>a</sup> 385.27	14.35
Vinton, Alva J.	do.	<sup>a</sup> 633.34	
Wagner, Frank H.	do.	<sup>a</sup> 599.73	
West, Thomas C.	do.	<sup>a</sup> 633.34	31.75
Westfall, James F.	do.	<sup>a</sup> 633.34	7.25
White, Roy R.	do.	<sup>a</sup> 633.34	38.37
Worford, Andie K.	do.	<sup>a</sup> 611.96	
Wright, Ernest E.	do.	<sup>a</sup> 593.62	
Berry, Wm. E.	Deputy forest ranger, at \$1,080.	<sup>a</sup> 78.00	
Allen, George H.	Deputy forest ranger, at \$1,000.	<sup>a</sup> 572.23	
Allen, Grover A.	do.	500.00	2.85
Allen, John H. B.	do.	<sup>a</sup> 583.34	
Anderson, Charles H.	do.	500.00	
Andreason, A. L.	do.	400.01	35.80
Antonini, William A.	do.	<sup>a</sup> 583.34	
Arentson, Carl B.	do.	333.34	82.85
Austin, A. M.	do.	500.00	
Baker, G. A.	do.	500.00	2.80
Barr, William J.	do.	188.89	
Barringer, Henry P.	do.	500.00	5.60
Barstow, Glidden J.	do.	500.00	
Bayer, Charles J.	do.	500.00	
Beam, Charles A.	do.	500.00	
Bennett, James.	do.	<sup>a</sup> 83.34	
Blevins, Leo A.	do.	500.00	
Boyes, William B.	do.	500.00	
Brady, James.	do.	430.55	
Brown, Roland W.	do.	500.00	
Butler, Horatio M.	do.	<sup>a</sup> 83.34	
Butterfield, William C.	do.	500.00	
Campbell, William A.	do.	<sup>a</sup> 83.34	
Carl, Fred W.	do.	500.00	22.20
Christensen, Edward M.	do.	500.00	25.45
Clark, Edward M.	do.	<sup>a</sup> 83.34	
Clark, Frank N.	do.	<sup>a</sup> 583.34	
Cockrell, Ora.	do.	500.00	16.45
Crane, Joel E.	do.	<sup>a</sup> 508.34	

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Crawford, Frank W.	Deputy forest ranger, at \$1,000.	\$305.56	
Cress, George H.	do.	a 83.34	
Crow, George.	do.	a 583.34	
Crumb, Loyal H.	do.	494.44	\$44.45
Davis, Drury D.	do.	500.00	
Davis, Samuel T.	do.	a 83.34	
Debitt, R. M.	do.	500.00	
Dehl, Sylvester.	do.	a 83.34	
DeWitt, Jessie.	do.	500.00	
Downs, Newton V.	do.	500.00	
Dunn, Earle W.	do.	500.00	
Durbin, Martin S.	do.	500.00	
Easton, Henry T.	do.	a 416.67	
Eekis, Daniel O.	do.	500.00	
Farrar, Calvin L.	do.	a 83.34	
Fick, Charles H.	do.	a 558.34	5.00
Fickes, Clyde P.	do.	480.56	
Gaslin, Joseph A.	do.	500.00	6.00
Gerdish, Henry D.	do.	500.00	
Gilbreath, Earl R.	do.	500.00	22.82
Graham, Joseph E.	do.	a 583.34	
Graham, John, jr.	do.	500.00	
Graham, Fred.	do.	500.00	
Green, Otto T.	do.	a 583.34	9.10
Griffith, Paul F.	do.	a 583.34	74.70
Hale, Forest.	do.	a 541.67	
Hammond, H. B.	do.	500.00	24.50
Hansen, Hans T.	do.	500.00	30.70
Hansen, James R.	do.	374.99	
Hapner, Albert S.	do.	a 583.34	
Harte, Frank E.	do.	205.56	
Herrington, Thos. E.	do.	500.00	
Hiett, Robert H.	do.	a 583.34	
Hockaday, Morrison W.	do.	500.00	43.46
Kinney, Geo. M.	do.	500.00	
Kropke, W. G.	do.	a 333.34	
Lanfeld, Paul.	do.	a 583.34	
Launer, Tilman L.	do.	277.78	
Lee, Alfred T.	do.	a 180.57	
Lewis, Melvin M.	do.	500.00	
Lewis, R. O.	do.	500.00	4.00
Litchfield, William Grant.	do.	a 83.34	
McCarthy, M. H.	do.	500.00	
McCreery, Lewis N.	do.	a 583.34	75.32
McNamara, Hubert A.	do.	500.00	32.25
Mallery, Willard A.	do.	500.00	
Marshall, Chas. E.	do.	358.34	
Mason, Webster G.	do.	497.22	
Miller, Charles N.	do.	a 583.34	27.20
Mills, Harvey H.	do.	500.00	
Mortimer, Edgar E.	do.	494.44	
Mysick, Lewis A.	do.	a 83.34	
Newman, E. G.	do.	a 583.34	
Orr, James O.	do.	500.00	
Patterson, Charles F.	do.	500.00	
Penrod, David I.	do.	a 277.78	
Peterson, Peter G.	do.	500.00	
Petit, F. P.	do.	488.89	
Pfost, C. W.	do.	374.99	
Pradt, George K.	do.	500.00	27.00
Pyle, Lewis R.	do.	a 583.34	37.95
Raymond, W. A.	do.	500.00	21.00
Reid, Clement C.	do.	500.00	14.30
Reid, John.	do.	a 83.34	
Rollinson, J. K.	do.	500.00	
Seaman, James V.	do.	a 583.34	
Sevier, Willard L.	do.	216.67	
Shelledy, Benjamin F.	do.	500.00	7.45

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sherod, Earl H.....	Deputy forest ranger, at \$1,000	\$86.11	-----
Silvas, Jose M.....	do.....	<sup>a</sup> 83.34	-----
Simmons, Clyde B.....	do.....	500.00	\$82.90
Smith, John R.....	do.....	500.00	-----
Smith, L. L.....	do.....	500.00	-----
Smith, Richard L.....	do.....	500.00	-----
Sobey, Robert T.....	do.....	500.00	22.22
Sparhawk, Frank O.....	do.....	500.00	26.00
Squires, G. E.....	do.....	500.00	12.73
Stahl, Edward G.....	do.....	500.00	3.25
Stockbridge, Arthur J.....	do.....	500.00	22.35
Switzer, Bert W.....	do.....	<sup>a</sup> 583.34	-----
Theurer, David O.....	do.....	391.67	6.25
Uhlman, Fred.....	do.....	500.00	-----
Utley, William H.....	do.....	500.00	-----
Vail, William S.....	do.....	500.00	40.40
Verner, Thos.....	do.....	500.00	12.65
Vinah, L. F.....	do.....	416.67	-----
Wheeler, Eugene W.....	do.....	500.00	-----
White, Harry E.....	do.....	<sup>a</sup> 47.22	-----
Willinson, Harry.....	do.....	<sup>a</sup> 83.34	-----
York, C. Roy.....	do.....	500.00	-----
Williams, David H.....	Deputy forest ranger, at \$900, and forest ranger, at \$1,200.	<sup>a</sup> 625.00	-----
Crow, Glenburn H.....	Assistant forest ranger, at \$900, and forest ranger, at \$1,100.	<sup>a</sup> 625.00	-----
Chandler, Orland.....	Deputy forest ranger, at \$900, and \$1,000	<sup>a</sup> 575.00	-----
Rider, William B.....	Assistant forest ranger, at \$900, and forest ranger and acting supervisor, at \$1,200, and deputy forest supervisor and temporary special disbursing agent, at \$1,500.	<sup>a</sup> 785.00	281.39
Huestis, Wilber A.....	Assistant forest ranger, at \$900, and deputy forest supervisor, at \$1,300.	725.00	7.85
Merrill, W. A.....	Assistant forest ranger, at \$1,100.	<sup>a</sup> 641.67	11.25
Huddle, C. I.....	Assistant forest ranger, at \$1,000, and deputy forest ranger, at \$1,100.	525.00	33.90
McCarn, Frank.....	do.....	<sup>a</sup> 446.95	-----
Stockwell, Andrew G.....	do.....	<sup>a</sup> 599.73	-----
Hicks, Arthur G.....	Assistant forest ranger, at \$1,000.	<sup>a</sup> 583.34	35.85
Jorgens, J. W.....	do.....	141.67	-----
Miller, Harry E.....	do.....	250.00	-----
Wallace, Joseph D.....	do.....	<sup>a</sup> 83.34	-----
Swift, Theo. T.....	Assistant forest ranger, at \$900, and forest supervisor, at \$1,500.	<sup>a</sup> 700.00	407.10
Harris, Harvey W.....	Assistant forest ranger, at \$900, and deputy forest supervisor, at \$1,200.	<sup>a</sup> 675.00	9.40
Parker, Thomas H.....	Assistant forest ranger, at \$900, and forest ranger, at \$1,300.	<sup>a</sup> 725.00	13.60
Anderson, Joseph F.....	Assistant forest ranger, at \$900, and forest ranger, at \$1,200.	<sup>a</sup> 675.00	38.00
Bach, James F.....	do.....	<sup>a</sup> 675.00	-----
Berglund, Abel C.....	do.....	<sup>a</sup> 675.00	-----
Bowers, Walter F.....	do.....	<sup>a</sup> 675.00	49.75
Brockbank, John P.....	do.....	<sup>a</sup> 525.00	-----
Hjort, Carl K.....	do.....	<sup>a</sup> 675.00	-----
Hubbard, Guy N.....	do.....	<sup>a</sup> 675.00	-----
Humphrey, Joseph W.....	do.....	<sup>a</sup> 675.00	-----
Kerby, David H.....	do.....	<sup>a</sup> 675.00	33.00
Langworthy, James N.....	do.....	<sup>a</sup> 675.00	34.31
Lewis, Albert W.....	do.....	<sup>a</sup> 675.00	-----
McAllister, Martin L.....	do.....	<sup>a</sup> 675.00	-----
McCall, James D.....	do.....	<sup>a</sup> 675.00	34.10
Mattsson, Bernard E.....	do.....	<sup>a</sup> 675.00	-----
Nichols, William J.....	do.....	<sup>a</sup> 675.00	114.30
Reid, Joseph W.....	do.....	<sup>a</sup> 675.00	11.65
Stevens, Horace H.....	do.....	<sup>a</sup> 671.67	-----
Stewart, John.....	do.....	<sup>a</sup> 675.00	21.74

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gray, Charles T. ....	Assistant forest ranger at \$900, deputy forest ranger, at \$1,100, and forest ranger, at \$1,200.	<sup>a</sup> \$637.49	\$24.70
Park, Charles H. ....	do.	<sup>a</sup> 650.00	126.15
Pace, Wilford. ....	Assistant forest ranger, at \$900, and forest ranger, at \$1,100.	<sup>a</sup> 625.00	.....
Peregoy, Harry H. ....	do.	<sup>a</sup> 625.00	.....
Averett, Murray. ....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100.	<sup>a</sup> 625.00	8.75
Barnard, John. ....	do.	<sup>a</sup> 625.00	.....
Bonebrake, George A. ....	do.	<sup>a</sup> 625.00	76.72
Booth, John R. ....	do.	<sup>a</sup> 622.50	108.70
Bowen, Raymond A. ....	do.	<sup>a</sup> 625.00	.....
Brannan, Henry W. ....	do.	<sup>a</sup> 625.00	.....
Burke, Thomas J. ....	do.	<sup>a</sup> 625.00	.....
Carlow, William A., jr. ....	do.	<sup>a</sup> 590.00	.....
Chamberlin, George W. ....	do.	<sup>a</sup> 625.00	.....
Christensen, Theodore. ....	do.	<sup>a</sup> 625.00	.....
Colman, Samuel M. ....	do.	<sup>a</sup> 615.00	53.65
Conley, William A. ....	do.	430.85	.....
Cooper, Lee E. ....	do.	<sup>a</sup> 615.83	.....
Couch, Edmund. ....	do.	<sup>a</sup> 625.00	.....
Decker, Isaac W. ....	do.	<sup>a</sup> 625.00	17.55
de la Riva, Alfredo G. ....	do.	<sup>a</sup> 625.00	.....
De Long, Albert, jr. ....	do.	<sup>a</sup> 606.67	.....
Dinsmore, Thomas T. ....	do.	<sup>a</sup> 625.00	.....
Dwire, Carroll R. ....	do.	<sup>a</sup> 625.00	91.55
Finley, Robert. ....	do.	<sup>a</sup> 625.00	.....
Garrett, Ballard R. ....	do.	<sup>a</sup> 625.00	.....
George, Clarence L. ....	do.	<sup>a</sup> 625.00	.....
Gleason, Carl W. ....	do.	<sup>a</sup> 510.28	.....
Gray, John T. ....	do.	<sup>a</sup> 625.00	72.10
Haines, Roscoe. ....	do.	<sup>a</sup> 625.00	57.90
Hanks, Walter E. ....	do.	<sup>a</sup> 236.94	.....
Hardy, Albert A. ....	do.	<sup>a</sup> 625.00	.....
Herrick, Coit E. ....	do.	<sup>a</sup> 625.00	34.20
Hinst, Henry C. ....	do.	<sup>a</sup> 625.00	37.40
Hotelling, William H. ....	do.	<sup>a</sup> 625.00	.....
Huff, Calvin H. ....	do.	<sup>a</sup> 625.00	12.90
Hurt, Abel Z. ....	do.	<sup>a</sup> 625.00	.....
Jarvis, Chas. E. ....	do.	<sup>a</sup> 625.00	.....
Jewell, James E. ....	do.	<sup>a</sup> 625.00	8.50
Layton, Andrew F. ....	do.	<sup>a</sup> 625.00	.....
Liben Joseph J. ....	do.	<sup>a</sup> 553.72	.....
Liston, R. H. ....	do.	<sup>a</sup> 258.34	.....
McCarthy, Francis. ....	do.	<sup>a</sup> 625.00	.....
McClain, J. Fred. ....	do.	<sup>a</sup> 625.00	.....
McNamara, J. A. ....	do.	<sup>a</sup> 625.00	95.07
Merrill, Gerald. ....	do.	<sup>a</sup> 625.00	.....
Miller, Wm. H. ....	do.	<sup>a</sup> 548.61	.....
Morgan, Harry N. ....	do.	<sup>a</sup> 625.00	.....
Myers, Lester S. ....	do.	<sup>a</sup> 625.00	87.90
Oden, Charles V. ....	do.	<sup>a</sup> 625.00	94.97
Patton, James W. ....	do.	<sup>a</sup> 625.00	5.45
Pennock, Frank W. ....	do.	<sup>a</sup> 625.00	13.20
Pierpont, Russell B. ....	do.	<sup>a</sup> 625.00	1.25
Pratt, Samuel R. ....	do.	<sup>a</sup> 625.00	.....
Rice, John W. ....	do.	<sup>a</sup> 625.00	.....
Richardson, James F. ....	do.	<sup>a</sup> 625.00	78.00
Redstone, Albert E. ....	do.	<sup>a</sup> 625.00	.....
Reynolds, Amasa I. ....	do.	<sup>a</sup> 622.50	24.05
Robertson, Arthur V. ....	do.	<sup>a</sup> 606.67	.....
Ruth, Thos. B. ....	do.	<sup>a</sup> 625.00	29.35
Ryan, Josephus. ....	do.	<sup>a</sup> 625.00	12.50
Shoemaker, Theodore, jr. ....	do.	475.56	246.60
Shurtz, Josiah. ....	do.	<sup>a</sup> 325.56	.....
Smith, Edgar W. ....	do.	<sup>a</sup> 625.00	.....
Smith, Foster G. ....	do.	<sup>a</sup> 625.00	.....
Snell, Irving P. ....	do.	<sup>a</sup> 625.00	.....

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sobey, Frank P.	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,100	a \$625.00	.....
Swallow, Lewis A.	do.	a 625.00	\$34.15
Thomas, Frank W.	do.	a 625.00	.....
Van Winkle, Henry F.	do.	a 621.94	.....
Wessel, Louis.	do.	a 566.94	184.22
Williamson, Lorenzo D.	do.	a 625.00	.....
Willis, Charles O.	do.	a 238.33	.....
Woolstenhulme, Thomas E.	do.	a 625.00	.....
Abbey, Harvey.	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	a 552.78	.....
Abbott, Albert J.	do.	a 408.34	.....
Anderson, Lewis H.	do.	a 575.00	.....
Babbitt, Woodford H.	do.	a 158.33	.....
Bannister, Leslie O.	do.	a 575.00	.....
Barber, Jack R.	do.	a 575.00	372.27
Barnett, Joseph.	do.	a 274.17	.....
Bellairs, Newton G.	do.	a 575.00	64.00
Bond, Ernest C.	do.	a 575.00	.....
Brown, Clarence A.	do.	a 572.50	.....
Brown, William J.	do.	a 575.00	.....
Caley, Eugene C.	do.	a 575.00	.....
Cavin, George W.	do.	a 575.00	.....
Clark, Robert E.	do.	a 491.66 <sup>a</sup>	.....
Clifton, Samuel B.	do.	a 575.00	.....
Crockett, George D.	do.	a 575.00	.....
Cunningham, Frank P.	do.	a 525.00	18.60
Darby, Austin E.	do.	a 575.00	.....
Davidson, Zachary T.	do.	a 536.11	.....
Donaldson, Walter A.	do.	a 575.00	15.70
Dunham, Daniel J.	do.	a 575.00	.....
Faulkner, Normandus C.	do.	a 544.44	23.55
Finch, E. J.	do.	a 575.00	.....
Fitting, Louis.	do.	a 575.00	.....
Foster, Arthur Bert.	do.	a 575.00	11.85
Fransham, Rhesis.	do.	a 566.67	.....
Gallegos, Tibo.	do.	a 585.00	9.90
Garner, Newton.	do.	a 530.56	.....
Gibbons, Wm. W.	do.	a 575.00	.....
Hardy, Chas. P.	do.	a 575.00	.....
Hathaway, Elmer E.	do.	a 575.00	18.80
Henderson, Sebird.	do.	a 575.00	20.20
Hollister, Geo. C.	do.	a 561.11	.....
Howell, Thomas F.	do.	a 575.00	16.75
Hughes, John R.	do.	a 560.00	29.65
Hunnicutt, Edwin W.	do.	a 575.00	.....
Johnson, Grafton F.	do.	a 569.45	.....
Kandel, John B.	do.	a 575.00	.....
Keller, Alley C.	do.	a 575.00	.....
Knowlton, Frank F.	do.	a 575.00	.....
Larsen, Axel E.	do.	a 575.00	65.95
Lorenzen, Lewis N.	do.	a 575.00	.....
McCullough, William A.	do.	a 575.00	.....
McKee, Silas L.	do.	a 316.66	24.90
Mead, Frank L.	do.	a 575.00	.....
Meyer, Arthur R.	do.	a 575.00	.....
Mosemann, Louis H.	do.	a 575.00	30.90
Moya, Marion F.	do.	a 140.27	.....
Mundell, Lewis J.	do.	a 563.90	1.65
Patten, Adelbert E.	do.	a 575.00	9.00
Pease, M. L.	do.	a 461.10	.....
Peltz, Robt. L.	do.	a 575.00	16.45
Pestoni, John B.	do.	a 241.67	.....
Poore, James F.	do.	a 575.00	.....
Potts, Homer O.	do.	a 466.67	48.90
Price, Norman B.	do.	a 575.00	30.55
Purtymun, Geo. S.	do.	a 311.11	.....
Rea, Jonathan E.	do.	a 575.00	.....

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Reed, George A. ....	Assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	<i>a</i> \$575.00	.....
Reed, James B. ....	do.	<i>a</i> 575.00	\$6.25
Reynolds, Thos. N. ....	do.	<i>a</i> 575.00	51.60
Ridgeway, Roy D. ....	do.	<i>a</i> 241.66	.....
Rogers, Raymond R. ....	do.	<i>a</i> 573.61	44.35
Say, Arthur P. ....	do.	<i>a</i> 575.00	.....
Scherman, Joseph G. ....	do.	<i>a</i> 575.00	.....
Scott, Erle W. ....	do.	<i>a</i> 575.00	27.70
See, William ....	do.	<i>a</i> 575.00	.....
Senecal, John B. ....	do.	<i>a</i> 283.34	.....
Shartzler, L. A. ....	do.	<i>a</i> 575.00	43.75
Shelley, Percy T. ....	do.	<i>a</i> 133.34	.....
Shoemaker, Theo. ....	do.	<i>a</i> 575.00	21.30
Siebentritt, George. ....	do.	<i>a</i> 575.00	.....
Sivertson, John S. ....	do.	<i>a</i> 575.00	.....
Sloane, Thos. W. ....	do.	<i>a</i> 575.00	.....
Smith, Franklin H. ....	do.	<i>a</i> 575.00	.....
Smith, Wm. A. ....	do.	<i>a</i> 575.00	.....
Stanchfield, James G. ....	do.	<i>a</i> 540.00	.....
Stark, Wm. T. ....	do.	<i>a</i> 575.00	33.50
Stephenson, James B. ....	do.	<i>a</i> 575.00	.....
Stuart, James. ....	do.	<i>a</i> 200.01	8.25
Sweitzer, Albert L. ....	do.	<i>a</i> 642.50	.....
Tanner, Earl B. ....	do.	<i>a</i> 575.00	.....
Thomson, Frank S. ....	do.	<i>a</i> 575.00	16.30
Thomson, Rich R. ....	do.	<i>a</i> 547.50	42.00
Thrower, Wm. H. ....	do.	<i>a</i> 575.00	.....
Toler, John Y. ....	do.	<i>a</i> 602.50	.....
Westfall, Joel J. ....	do.	<i>a</i> 311.11	.....
Weidman, George C. ....	do.	<i>a</i> 575.00	10.25
Wiehe, William ....	do.	<i>a</i> 575.00	10.85
Wigal, Elias J. ....	do.	<i>a</i> 319.45	.....
Wilcox, Hiram R. ....	do.	<i>a</i> 447.23	.....
Woods, Eustace A. ....	do.	<i>a</i> 575.00	.....
Beard, John D. F. ....	do.	<i>a</i> 550.00	9.35
Kurtz, Frank W. ....	do.	<i>a</i> 575.00	.....
Adams, Lawrence J. ....	Assistant forest ranger, at \$900.	450.00	23.40
Aitken, Morrison. ....	do.	42.50	.....
Albrech, Henry F. ....	do.	<i>a</i> 75.00	.....
Allen, John L. ....	do.	450.00	.....
Almon, Norton L. ....	do.	450.00	.....
Baker, Philip. ....	do.	110.00	.....
Balle, Christian T. ....	do.	<i>a</i> 75.00	.....
Barber, Homer J. ....	do.	225.00	.....
Barker, Peter O. ....	do.	65.00	.....
Bass, Daniel E. ....	do.	450.00	.....
Beard, R. J. ....	do.	450.00	.....
Belknap, George E. ....	do.	450.00	.....
Berriman, Robt. M. ....	do.	150.00	.....
Berry, Chas. H. ....	do.	<i>a</i> 525.00	37.3
Betenson, Jose. ....	do.	<i>a</i> 65.00	.....
Bidgood, Claude L. ....	do.	<i>a</i> 525.00	.....
Bolen, James H. ....	do.	450.00	.....
Bourm, Thomas M. ....	do.	62.50	.....
Brann, Frank R. ....	do.	375.00	3.15
Breen, J. Elmer. ....	do.	450.00	14.60
Broadhurst, Willis E. ....	do.	225.00	.....
Broll, Frank J. ....	do.	225.00	.....
Brown, Frank S. ....	do.	450.00	.....
Bryant, Cyrus L. ....	do.	432.50	.....
Buker, Edson T. ....	do.	<i>a</i> 460.00	.....
Burdick, Jay H. ....	do.	150.00	.....
Butler, Frank M. ....	do.	450.00	.....
Butterfield, George C. ....	do.	277.50	19.15
Cadle, Theodore. ....	do.	20.00	.....
Calbick, Allen O. ....	do.	447.50	.....
Cayton, James G. ....	do.	300.00	23.25

*a* Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Chavez, Jose M. C., jr. ....	Assistant forest ranger, at \$900 .....	<sup>a</sup> \$75.00	
Christensen, Moses. ....	do. ....	202.50	
Clark, Edward F. ....	do. ....	225.00	
Clark, Edwin R. ....	do. ....	450.00	\$21.05
Clark, Joseph C. ....	do. ....	10.00	
Clark, Wm. J. ....	do. ....	150.00	
Clay, C. H. ....	do. ....	450.00	
Cleave, Paul. ....	do. ....	<sup>a</sup> 75.00	
Cole, George A. ....	do. ....	<sup>a</sup> 75.00	
Cole, William H. ....	do. ....	450.00	9.55
Coleman, Con. ....	do. ....	150.00	
Coleman, John R. ....	do. ....	150.00	18.75
Conant, James W. ....	do. ....	<sup>a</sup> 512.50	2.15
Conrad, Howard M. ....	do. ....	<sup>a</sup> 150.00	
Cook, Hugh D. ....	do. ....	195.00	
Coulter, Otto V. ....	do. ....	<sup>a</sup> 75.00	
Cox, William W. ....	do. ....	<sup>a</sup> 75.00	
Critchfield, Frederick H. ....	do. ....	<sup>a</sup> 162.50	
Crossley, Thomas. ....	do. ....	<sup>a</sup> 510.00	
Cunningham, Harry M. ....	do. ....	375.00	
Day, Roderick S. ....	do. ....	75.00	
De Forest, G. Ewing. ....	do. ....	450.00	
De Lany, Henry E. ....	do. ....	450.00	15.25
Delbridge, Claud B. ....	do. ....	450.00	
Dell, Walter V. ....	do. ....	450.00	
Dodds, Wm. R. ....	do. ....	77.50	
Dorr, Louis H. ....	do. ....	367.50	
Edwards, Walter. ....	do. ....	450.00	
Finch, Albion J. ....	do. ....	240.00	
Fisher, Danl. J. ....	do. ....	450.00	41.90
Fitzhugh, Clarence H. ....	do. ....	202.50	4.75
Fleishman, Geo. ....	do. ....	182.50	
Forehand, John F. ....	do. ....	145.00	
Foster, Fred R. ....	do. ....	430.00	19.30
Fotheringham, Edmund. ....	do. ....	240.00	
Frey, John. ....	do. ....	450.00	
Frye, Clarence W. ....	do. ....	<sup>a</sup> 297.67	
Galpin, William L. ....	do. ....	412.50	28.70
Garrison, James S. ....	do. ....	<sup>a</sup> 300.00	
Geduhn, Frank C. ....	do. ....	<sup>a</sup> 75.00	
Goe, Ben F. ....	do. ....	<sup>a</sup> 15.00	
Goodwin, Grover T. ....	do. ....	<sup>a</sup> 75.00	
Gordon, Ralph W. ....	do. ....	25.00	
Gott, William. ....	do. ....	450.00	
Gribble, Walter L. ....	do. ....	<sup>a</sup> 75.00	
Hageman, John A. ....	do. ....	450.00	11.55
Hall, Robt. F. ....	do. ....	127.50	
Hall, Willie J. ....	do. ....	450.00	17.15
Halleck, Albert G. ....	do. ....	160.00	3.25
Haman, Frederick C. ....	do. ....	450.00	16.45
Homersley, W. R. ....	do. ....	337.50	
Hamilton, George A. ....	do. ....	365.00	4.00
Harr, Ralph V. ....	do. ....	355.00	
Hatton, Thos. C. ....	do. ....	225.00	
Henley, Robert C. ....	do. ....	352.50	
Hennings, Byron W. ....	do. ....	<sup>a</sup> 525.00	4.15
Herbert, Ernest W. ....	do. ....	115.00	
Herbert, Thos. M. ....	do. ....	137.50	
Harrington, Frank B. ....	do. ....	190.00	16.45
Hickman, Joseph H. ....	do. ....	450.00	
Hillgoss, Ralph A. ....	do. ....	390.00	27.35
Hiscox, Shepard. ....	do. ....	450.00	
Hite, James S. ....	do. ....	300.00	
Hodge, Herbert. ....	do. ....	330.00	
Hoge, Wm. B. ....	do. ....	450.00	26.25
Hooper, Albert N. D. ....	do. ....	<sup>a</sup> 70.00	
Hopping, Ralph. ....	do. ....	450.00	10.30
Houston, James G. ....	do. ....	222.50	

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Huffman, William P.	Assistant forest ranger, at \$900	\$252.50	\$25.80
Hughes, Fred E.	do.	450.00	
Hurt, Lonzo D.	do.	a 225.00	
Huston, Joseph.	do.	70.00	
Ireland, Asher.	do.	150.00	
Irons, Will M.	do.	97.50	
Iverson, Andrew C.	do.	a 75.00	
Jackson, Clarence W.	do.	177.50	9.80
Jayne, Milton R.	do.	a 525.00	20.05
Johnson, W. A.	do.	a 75.00	
Johnson, William F.	do.	442.50	
Journigan, Julian M.	do.	a 75.00	
Kanistanaux, William H.	do.	a 75.00	
Kauffman, Harry E.	do.	187.50	
Keltie, Frank P.	do.	a 75.00	
Kennington, Joseph H.	do.	450.00	
Kerlee, Wm. A.	do.	335.00	
Kerns, Le Roy E.	do.	150.00	
Kinney, William T.	do.	222.50	
Knowlton, Frank H.	do.	225.00	9.15
Kroencke, John H.	do.	450.00	
Leeper, James W.	do.	a 75.00	
Livesay, George W.	do.	445.00	17.65
Loring, Frank E.	do.	295.00	
Low, George P.	do.	315.00	
McClure, Edmund A.	do.	360.00	35.80
McDonald, Alexander O.	do.	a 75.00	
McDonald, Robert W.	do.	a 75.00	
McGhie, Bert.	do.	357.50	
McGuinness, John B.	do.	450.00	17.80
McIntosh, John A.	do.	225.00	
McKay, Alvy E.	do.	292.50	
McKnight, James T.	do.	187.50	
Madsen, Joseph C.	do.	a 12.50	
Madsen, Parley C.	do.	a 75.00	
Mahoney, Bert.	do.	137.50	
Mapes, Homer J.	do.	450.00	
Marguardson, Wilbert	do.	300.00	
Martinez, Dorie.	do.	450.00	
May, Thomas O.	do.	a 75.00	
Meddock, Robert.	do.	445.00	
Melone, W. C.	do.	450.00	5.35
Milbury, Wm. B.	do.	450.00	30.35
Montgomery, D. C., jr.	do.	75.00	1.80
Mowatt, Joseph M.	do.	247.50	
Murray, Ray.	do.	a 150.00	
Musgrave, Henry S.	do.	a 75.00	
Nail, James E.	do.	225.00	
Nelson, Leo.	do.	237.50	21.65
Olinger, Winfield S.	do.	a 75.00	
Oswald, Joseph.	do.	150.00	
Phillips, Horace B.	do.	450.00	
Pierce, William H.	do.	a 525.00	
Pine, Myron.	do.	a 75.00	
Porter, Hyrum A.	do.	142.50	
Price, Arthur A.	do.	375.00	
Purdy, Lewis.	do.	a 150.00	
Ray, C. W.	do.	190.00	1.25
Reid, John S.	do.	a 510.00	82.69
Reynolds, Dexter B.	do.	a 75.00	
Rice, Frank E.	do.	a 75.00	
Rice, Peter S.	do.	430.00	
Richards, Albert G.	do.	100.00	
Richardson, Benjamin R.	do.	a 112.50	
Richardson, Hamilton	do.	450.00	
Robbins, Thomas W.	do.	150.00	
Roberts, Fred D.	do.	70.00	
Robins, Bert L.	do.	300.00	

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Robinson, Mark M. ....	Assistant forest ranger, at \$900. ....	a \$75.00	\$36.62
Robinson, W. K. ....	do. ....	a 75.00	.....
Rogerson, John Edward, jr. ....	do. ....	127.50	.....
Ryan, William A. ....	do. ....	450.00	11.35
Sanders, Claget. ....	do. ....	52.50	.....
Sawyer, George E. ....	do. ....	75.00	3.80
Scott, Elmer L. ....	do. ....	122.50	.....
Scoville, Frank C. ....	do. ....	220.00	.....
Seckner, James L. ....	do. ....	370.00	12.20
Severe, George H. ....	do. ....	450.00	.....
Sevier, Jesse M. ....	do. ....	a75.00	.....
Shanafelt, William H. ....	do. ....	120.00	10.10
Shockley, Clyde W. ....	do. ....	292.50	.....
Shults, James G. ....	do. ....	450.00	.....
Simmons, John B. ....	do. ....	437.50	15.15
Simons, William E. ....	do. ....	a 75.00	.....
Simpson, Jacob. ....	do. ....	a 75.00	.....
Skinner, William D. ....	do. ....	a 72.50	.....
Smith, Charles. ....	do. ....	375.00	.....
Smith, George L. ....	do. ....	262.50	.....
Smith, Standish. ....	do. ....	450.00	19.60
Smith, Wm. W. ....	do. ....	402.50	9.05
Snyder, Herbert E. ....	do. ....	225.00	.....
Squires, Edward E. ....	do. ....	150.00	.....
Squires, W. C. ....	do. ....	150.00	.....
Stafford, Orloff A. ....	do. ....	225.00	.....
Stanley, Arthur L. ....	do. ....	150.00	.....
Sullivan, Wilbur J. ....	do. ....	450.00	.....
Sutton, Earle P. ....	do. ....	150.00	.....
Sweetland, Ralph W. ....	do. ....	190.00	.....
Tagert, James L. ....	do. ....	225.00	.....
Taylor, Franklin R. ....	do. ....	200.00	.....
Thomas, Cornelius B. ....	do. ....	225.00	.....
Thomas, Roy E. ....	do. ....	217.50	.....
Thompson, Thomas. ....	do. ....	a 525.00	.....
Tobias, Ross S. ....	do. ....	202.50	.....
Trenary, George W. ....	do. ....	547.50	.....
Vance, James D. ....	do. ....	a 525.00	.....
Waldref, Henry. ....	do. ....	a 225.00	.....
Wallace, William J. ....	do. ....	a 42.50	.....
Walter, Paul. ....	do. ....	150.00	17.00
Ward, Ray E. ....	do. ....	247.50	2.60
Watson, Robert J. ....	do. ....	a 225.00	.....
Whitesitt, Roy N. ....	do. ....	22.50	.....
Whitney, Albert. ....	do. ....	a 225.00	.....
Williams, Charles E. ....	do. ....	a 326.67	.....
Wilson, Frank A. ....	do. ....	150.00	.....
Wixom, Arthur H. ....	do. ....	450.00	.....
Woolsey, James J. ....	do. ....	335.00	.....
Wright, Abner T. ....	do. ....	450.00	33.24
Wynne, Athol A. ....	do. ....	107.50	5.65
Yates, Ora E. ....	do. ....	450.00	.....
Yerkes, H. B. ....	do. ....	450.00	18.35
Young, Henry C. ....	do. ....	a 185.00	.....
Young, Richard W. ....	do. ....	450.00	20.00
Zeigler, Clair E. ....	do. ....	432.50	.....
Mazrall, Frank. ....	Assistant forest ranger, at \$720 and \$900. ....	a 135.00	.....
Stout, James. ....	Assistant forest ranger, at \$720. ....	a 60.00	.....
Spencer, Henry L. ....	Forest guard, at \$1,200, and deputy forest supervisor, at \$1,400. ....	a 800.00	.....
Bell, Archie N. ....	Forest guard, at \$1,200. ....	600.00	13.00
Benedict, M. S. ....	do. ....	593.33	.....
Brotherton, Geo. W. ....	do. ....	600.00	7.45
Edge, J. Walter. ....	do. ....	123.34	.....
Irvin, James A. ....	do. ....	220.00	10.45
Keough, Chas. D. ....	do. ....	300.00	13.75
Marshall, Robt. E. ....	do. ....	600.00	49.75
Mathias, Royal F. ....	do. ....	600.00	161.35

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Matthews, J. L.	Forest guard, at \$1,200.	\$100.00	.....
Patton, Riley	do.	220.00	.....
Sims, Matthew M.	do.	700.00	.....
Smith, Raymond F.	do.	433.33	\$7.95
Steele, Raymond G.	do.	246.67	7.75
Van Osten, James W.	do.	333.33	.....
Carper, Joe K.	Forest guard, at \$1,100.	216.95	.....
Bartlett, Arthur W.	Forest guard, at \$900, and deputy forest supervisor, at \$1,300.	725.00	119.40
Judd, Daniel K.	do.	710.00	.....
Andrews, Frank E.	Forest guard, at \$900, and forest ranger, at \$1,200.	675.00	124.79
McNeily, John C.	do.	675.00	54.20
Donery, Joseph A.	Forest guard, at \$900, deputy forest ranger at \$1,000, and forest ranger at \$1,200.	608.33	60.80
Ranney, Geo. F.	Forest guard and assistant forest ranger, at \$900, and forest ranger, at \$1,200.	600.00	.....
Owens, James T.	Forest guard, at \$900 and forest agent, at \$1,200.	669.17	.....
Acord, Thomas.	Forest guard, at \$900, and deputy forest ranger, at \$1,100.	625.00	29.80
Benson, John C.	do.	625.00	31.75
Blake, F. G.	do.	625.00	34.95
Bletcher, W. B.	do.	625.00	22.30
Bluck, Edwin	do.	600.00	.....
Bosse, Wm. L.	do.	542.50	10.00
Bucher, A. J.	do.	625.00	.....
Erwin, Hector F.	do.	625.00	18.50
Ezell, Sumner T.	do.	350.16	.....
Halvorsen, Earl	do.	625.00	5.50
Hart, Fred G.	do.	612.78	31.80
Kiermeyer, Isador	do.	625.00	6.55
Leese, James P.	do.	625.00	40.50
Linscott, Sam S.	do.	431.67	1.60
Phillips, Bert G.	do.	591.67	80.65
Plowman, John R.	do.	533.34	.....
Pritchard, John H.	do.	500.00	.....
Rawson, Alvan L.	do.	603.61	.....
Smith, R. E.	do.	625.00	.....
Snow, Ellis B.	do.	625.00	.....
Steele, James W.	do.	625.00	.....
Wiley, M. B.	do.	625.00	.....
Wright, Sylvanus	do.	530.00	.....
Thompson, Charles C.	Forest guard, at \$900, and assistant forest ranger, at \$1,100.	625.00	.....
Rogers, Benjamin L.	Forest guard, at \$900 and \$1,100.	380.56	.....
Rice, Delmer S.	Forest guard and assistant forest ranger, at \$900, and deputy forest ranger, at \$1,000.	575.00	131.09
Barber, Charles L.	Forest guard, at \$900, and deputy forest ranger, at \$1,000.	575.00	15.65
Bennett, Arthur	do.	561.95	.....
Blair, Ole E.	do.	575.00	20.05
Blankenship, E. O.	do.	575.00	7.00
Burr, Horace J.	do.	158.34	.....
Clabby, R. E.	do.	358.89	49.80
Clark, Fred B.	do.	325.00	.....
Cole, Albert E.	do.	575.00	27.50
Conger, Willis	do.	569.45	15.31
Croxford, Harry	do.	558.34	.....
Currie, G. Hugh	do.	535.00	.....
Dixon, Peter A.	do.	522.50	16.75
Fisk, Dannie W.	do.	575.00	.....
Gallooly, James W.	do.	575.00	.....
Gray, Frank E.	do.	558.34	21.85
Hammer, Leslie L.	do.	565.56	7.60
Hampton, John G.	do.	537.50	20.75
Harris, Joseph A.	do.	575.00	.....
Hurd, Herbert L.	do.	575.00	.....
Johnson, James H.	do.	488.06	.....
Morris, Walter F.	do.	572.23	.....

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Morrow, James O.....	Forest guard, at \$900, and deputy forest ranger, at \$1,000.	a \$575.00	.....
Paddock, William S.....	do.	a \$325.00	.....
Pratt, George L.....	do.	a 565.56	.....
Pearson, C. L.....	do.	a 575.00	.....
Rutledge, Fred.....	do.	a 550.00	.....
Spackman, Charles A.....	do.	404.72	.....
Story, Clark W., jr.....	do.	a 575.00	\$16.25
Thomas, Wm. L.....	do.	a 264.45	.....
Thompson, Robert.....	do.	a 575.00	.....
Tungate, Ira.....	do.	a 575.00	8.00
Wells, Thomas F.....	do.	a 575.00	.....
Woolsey, Joseph H.....	do.	a 575.00	.....
Wright, Frank H.....	do.	a 480.00	.....
Bennett, James M.....	Forest guard and assistant forest ranger, at \$900.	a 300.00	.....
Blankenship, Harry C.....	do.	a 300.00	3.50
Brown, J. Arthur.....	do.	a 422.50	29.65
Cannon, M. Thurman.....	do.	a 525.00	24.90
Colter, Harry N.....	do.	a 300.00	.....
Cottrell, George C.....	do.	a 487.50	45.80
Cressler, B. F.....	do.	a 512.50	.....
Donnelly, Wm. A.....	do.	a 525.00	.....
Green, John B.....	do.	a 287.50	.....
Gribble, R. N.....	do.	a 262.50	.....
Gordon, Granville J.....	do.	450.00	.....
Gundluch, August F. W.....	do.	a 467.50	20.30
Hamilton, Maurice.....	do.	a 365.00	8.18
Harpham, Vernon V.....	do.	a 220.00	25.35
Hays, O. O.....	do.	237.50	4.50
Healey, Mark L.....	do.	412.50	.....
Ingram, C. J.....	do.	a 227.50	.....
Kelsoe, John W.....	do.	a 210.00	.....
Kennaday, Andrew J.....	do.	350.00	19.70
Kottkey, Henry F.....	do.	450.00	.....
Krupp, Frank A.....	do.	450.00	.....
Lucas, L. E.....	do.	a 300.00	.....
Mahn, E. H.....	do.	a 525.00	27.60
Manring, William V.....	do.	a 225.00	.....
Moore, Stephen A.....	do.	a 300.00	35.30
Moss, Francis.....	do.	a 525.00	.....
Myers, Delbert W.....	do.	a 305.00	33.38
Newport, Lee C.....	do.	a 442.50	30.50
Nichols, George.....	do.	450.00	.....
Norton, George A.....	do.	a 525.00	.....
Oliver, William L.....	do.	450.00	.....
Pinkerton, Thomas R.....	do.	a 300.00	.....
Porcher, Francis P.....	do.	415.00	95.30
Porter, Gardner I.....	do.	a 517.50	.....
Railey, Charles M.....	do.	225.00	.....
Rhyne, Stephen J.....	do.	450.00	.....
Richardson, Earnest A.....	do.	172.50	45.50
Schick, Harry C.....	do.	a 525.00	.....
Seals, Fred J.....	do.	450.00	17.10
Sherman, J. H.....	do.	450.00	24.85
Shy, James D.....	do.	435.00	.....
Snow, John.....	do.	a 467.50	.....
South, Perry A.....	do.	a 525.00	.....
Stanton, Claude.....	do.	450.00	.....
Stuart, T. C.....	do.	a 332.50	.....
Sutherland, Baigrie.....	do.	450.00	18.45
Taft, Charles W.....	do.	447.00	55.90
Thompson, B. F.....	do.	a 525.00	.....
Walton, A. H.....	do.	280.00	.....
Wethern, Ernest.....	do.	320.00	.....
Wilcox, Newton A.....	do.	a 280.00	.....
Morse, Chester B.....	Forest guard and forest agent, at \$900.	a 190.00	.....
Abbott, Arthur H.....	Forest guard, at \$900.	115.00	.....
Abbott, Carl L.....	do.	450.00	.....

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Abbott, Earl.....	Forest guard, at \$900.	\$47.50	.....
Adams, Fred G.....	do.	105.00	.....
Addington, Robert L.....	do.	225.00	.....
Adkins, John.....	do.	187.50	.....
Aldridge, W. T.....	do.	300.00	.....
Allen, James.....	do.	112.50	\$2.96
Allen, Roy H.....	do.	62.50	.....
Allison, Walter.....	do.	47.50	.....
Allred, Claud.....	do.	330.00	.....
Allred, Oscar.....	do.	337.50	.....
Ambie, Nels.....	do.	222.50	.....
Anderson, Herman E.....	do.	100.00	.....
Anderson, James B.....	do.	150.00	.....
Anderson, Olof E.....	do.	130.00	.....
Arrison, D. W.....	do.	150.00	.....
Arthur, O. F.....	do.	450.00	.....
Atkins, Ross M.....	do.	407.50	.....
Austin, Arthur.....	do.	115.00	.....
Avery, Wallace S.....	do.	70.00	.....
Avery, Frank E.....	do.	<sup>a</sup> 7.50	.....
Baker, A. E.....	do.	427.50	.....
Baker, Francis E.....	do.	150.00	.....
Baldwin, Samuel C.....	do.	52.50	.....
Ballard, Wilson I.....	do.	137.50	.....
Barnes, E.....	do.	57.50	.....
Barnes, J. W.....	do.	40.00	.....
Barnes, Walter S.....	do.	450.00	30.95
Bates, H. P.....	do.	150.00	.....
Barr, Chas. S.....	do.	187.50	.....
Barr, Lewis.....	do.	150.00	.....
Barrett, Arthur C.....	do.	125.00	.....
Bayer, Frank P.....	do.	75.00	.....
Beal, Orion L.....	do.	<sup>a</sup> 75.00	.....
Beatty, Dwight L.....	do.	202.50	.....
Beck, Joseph S.....	do.	150.00	.....
Benbane, Henry L.....	do.	225.00	.....
Benedict, M. A.....	do.	67.50	10.50
Bening, Frank F.....	do.	150.00	.....
Bettendorff, George.....	do.	250.00	.....
Biles, Edgar V.....	do.	245.50	.....
Birdno, Chas. N.....	do.	370.00	.....
Blackburn, James L.....	do.	292.50	.....
Blackburn, William F.....	do.	110.00	.....
Blackwell, Geo. M.....	do.	450.00	.....
Blakeslee, W. W.....	do.	140.00	99.75
Blundell, Ira W.....	do.	450.00	.....
Bockman, Francisus E.....	do.	225.00	.....
Bockman, Herman.....	do.	150.00	.....
Bohall, Auston.....	do.	150.00	.....
Boothe, Creston L.....	do.	150.00	.....
Boothe, Delbert W.....	do.	262.50	.....
Boroughs, C. L.....	do.	45.00	.....
Bowman, John W.....	do.	150.00	.....
Boyd, C. Edward.....	do.	242.50	.....
Bozarth, Asa.....	do.	132.50	.....
Bradley, Carlos D.....	do.	60.00	.....
Bradley, Leonard W.....	do.	440.00	.....
Breidenstein, L. L.....	do.	<sup>a</sup> 500.00	.....
Brennen, J. M.....	do.	150.00	.....
Brewer, J. L.....	do.	42.50	.....
Brown, Fred E.....	do.	425.00	.....
Brown, James A.....	do.	450.00	.....
Brown, Mortimer J.....	do.	150.00	.....
Brundige, Lew.....	do.	<sup>a</sup> 75.00	.....
Brunke, E. R.....	do.	365.00	.....
Bryan, Grover C.....	do.	127.50	.....
Bryan, John L., jr.....	do.	150.00	1.25
Bryan, J. M.....	do.	225.00	.....

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Buckhouse, J. D.	Forest guard, at \$900.	\$430.00	\$15.25
Buckmaster, Harry D.	do.	a 27.50	
Bullard, F. A.	do.	a 35.00	
Bullock, Herbert S.	do.	380.00	
Burback, Edwin E.	do.	7.50	
Burch, Grover C.	do.	75.00	
Burnett, John H.	do.	147.50	
Butler, Chas. A.	do.	150.00	
Byars, Saml. T.	do.	190.00	
Byram, V. P.	do.	35.00	
Cannann, John B.	do.	140.00	
Campbell, C. P.	do.	450.00	32.10
Card, William.	do.	a 75.00	
Carlton, Lewis.	do.	200.00	
Carmody, D. L.	do.	90.00	52.15
Carscallen, T. W.	do.	120.00	18.60
Carter, W. J.	do.	67.50	
Cassada, James B.	do.	260.00	
Castle, Charles L.	do.	a 75.00	26.73
Cayot, F. B.	do.	150.00	
Chadney, Fred N.	do.	75.00	
Chamberlin, John.	do.	a 75.00	11.00
Chandler, Virgil.	do.	65.00	
Chapman, Charles.	do.	127.50	
Chappell, Sidney A.	do.	262.50	13.00
Chase, Bert.	do.	215.00	
Cheney, E. M.	do.	450.00	
Cherry, Mark K.	do.	137.50	
Chittenden, Virgil E.	do.	450.00	7.30
Christensen, Alfred.	do.	450.00	2.85
Christensen, James W.	do.	122.50	
Clack, Philip A.	do.	117.50	
Clapp, Randall C.	do.	112.50	
Clay, Rufus E.	do.	150.00	
Clegg, Wm.	do.	115.00	
Clements, James W.	do.	450.00	18.60
Clemons, Wm. D.	do.	152.50	
Cleveland, Grover.	do.	57.50	
Coe, Charles.	do.	75.00	
Cohon, L. H.	do.	142.50	
Compton, R. B.	do.	a 50.00	
Cook, Warren E.	do.	102.50	
Cooper, Frank A.	do.	255.00	
Cooper, Fred G.	do.	7.50	
Cory, David W.	do.	137.50	
Cossley, Joe.	do.	75.00	
Coughlin, Louis E.	do.	150.00	
Cox, Gillis A.	do.	a 75.00	
Coyne, James J.	do.	70.00	
Crabbl, Elbert H.	do.	415.00	20.60
Crandall, Ivan.	do.	430.00	
Crane, Edgar S.	do.	205.00	
Crane, Harlan.	do.	220.00	
Criswell, William H.	do.	a 525.00	23.40
Cunniff, John.	do.	135.00	
Dailey, Bert.	do.	a 70.00	
Dailey, John A.	do.	292.50	
Darley, William M.	do.	a 75.00	
Daugharty, Brocklin.	do.	145.00	4.55
Davis, James.	do.	250.00	
Davis, Will L.	do.	150.00	
Day, Percy L.	do.	150.00	67.00
Dean, Robt. A.	do.	107.50	10.50
Dedrick, Chas. G.	do.	142.50	
Dee, John.	do.	282.50	
Dennis, Chas.	do.	150.00	
Deviney, Charlie H.	do.	107.50	
Dexter, J. C.	do.	340.00	14.35

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Dodson, William M. ....	Forest guard, at \$900 .....	\$150.00	.....
Doyle, Bert A. ....	do. ....	222.50	.....
Dunn, James. ....	do. ....	282.50	.....
Dustin, Bailey O. ....	do. ....	75.00	.....
Earle, James B. ....	do. ....	375.00	\$21.24
Earle, William R. ....	do. ....	375.00	.....
East, Thomas B. ....	do. ....	75.00	.....
Eaton, Homer O. ....	do. ....	387.50	.....
Edick, Mark. ....	do. ....	370.00	37.75
Edwards, Eli. ....	do. ....	402.50	6.60
Edwin, Alexander V. ....	do. ....	100.00	.....
Egan, Emmett. ....	do. ....	345.00	.....
Elliott, Lee. ....	do. ....	375.00	12.62
Ellis, Samuel M. ....	do. ....	<sup>a</sup> 70.00	.....
Enunons, Charles L. ....	do. ....	<sup>a</sup> 520.00	36.80
Ensign, Chas. H. ....	do. ....	102.50	.....
Evans, Thomas. ....	do. ....	<sup>a</sup> 210.00	.....
Everest, Harry. ....	do. ....	127.50	.....
Ewing, Carl M. ....	do. ....	130.00	.....
Fawson, J. W. ....	do. ....	137.50	.....
Featherston, Ren. S. ....	do. ....	110.00	.....
Fender, E. L. ....	do. ....	142.50	.....
Fender, Lowel. ....	do. ....	75.00	.....
Fender, W. M. ....	do. ....	142.50	.....
Fields, Jack. ....	do. ....	190.00	.....
Fife, Charley C. ....	do. ....	175.00	.....
Fine, Wm. I. ....	do. ....	97.50	.....
Finley, E. H. ....	do. ....	150.00	4.70
Fish, Walter A. ....	do. ....	142.50	.....
Fisher, S. L. ....	do. ....	340.00	22.30
Fiske, John. ....	do. ....	195.00	.....
Fitting, Ray R. ....	do. ....	<sup>a</sup> 472.50	.....
Fitzhugh, Edgar J. ....	do. ....	117.50	.....
Fleming, B. A. ....	do. ....	150.00	.....
Foley, Daniel F. ....	do. ....	75.00	.....
Fowler, Joseph. ....	do. ....	<sup>a</sup> 75.00	.....
Frame, James. ....	do. ....	142.50	8.75
Frey, Merle L. ....	do. ....	187.50	2.65
Frey, Samuel A. ....	do. ....	115.00	.....
Furnish, James L. ....	do. ....	75.00	.....
Gardner, George. ....	do. ....	167.50	.....
Gardner, Sidney. ....	do. ....	450.00	.....
Garner, Will A. ....	do. ....	397.50	4.47
Gearhart, George. ....	do. ....	185.00	.....
Gibbons, Joseph A. ....	do. ....	75.00	.....
Giddings, J. G. ....	do. ....	150.00	129.47
Gilchrist, James C. ....	do. ....	150.00	.....
Gilkey, Sylvester. ....	do. ....	450.00	.....
Gilliam, T. J. ....	do. ....	177.50	.....
Gillie, G. Edmund. ....	do. ....	150.00	.....
Girard, James W. ....	do. ....	375.00	.....
Girdner, James W. ....	do. ....	82.50	.....
Godwin, D. P. ....	do. ....	102.50	.....
Gordon, David. ....	do. ....	150.00	.....
Gordon, Morris L. ....	do. ....	225.00	.....
Gove, Carlyle S. ....	do. ....	150.00	.....
Graff, Herbert. ....	do. ....	75.00	.....
Graham, W. E. ....	do. ....	190.00	.....
Green, J. E. ....	do. ....	115.00	.....
Gribble, J. E. ....	do. ....	450.00	127.05
Gribble, M. J. ....	do. ....	225.00	.....
Griffin, C. W. ....	do. ....	275.00	66.15
Griffith, A. R. ....	do. ....	142.50	.....
Gross, Jesse L. ....	do. ....	410.00	.....
Gumaer, Robert M. ....	do. ....	102.50	3.90
Hackett, Henry. ....	do. ....	225.00	.....
Haffy, Charles A. ....	do. ....	<sup>a</sup> 20.00	.....
Haines, Chas. M. ....	do. ....	292.50	.....

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Hale, Benjamin L.	Forest guard, at \$900.	\$40.00	
Halstead, Albert.	do.	450.00	
Hance, Harvey.	do.	375.00	
Hansen, Christian O.	do.	150.00	
Hanson, Fred.	do.	300.00	
Hargrave, Pascal K.	do.	245.00	
Harrington, Louis C.	do.	a 510.00	
Hastings, James C.	do.	150.00	
Haston, Warren S.	do.	a 75.00	
Hawkins, Emmett L.	do.	112.50	
Hawkins, Leonard.	do.	47.50	
Hayes, George M.	do.	75.00	
Heath, Noel.	do.	65.00	
Heighe, F. C. jr.	do.	a 75.00	
Heikes, Marion E.	do.	142.50	
Heiser, E. L.	do.	212.50	
Hendricks, Emil.	do.	450.00	
Hensley, J. E.	do.	150.00	
Henson, Clarence L.	do.	150.00	
Herrman, Charles F.	do.	185.00	
Herrick, Lincoln.	do.	112.50	\$26.00
Herrick, U. E.	do.	72.50	
Herter, Henry.	do.	32.50	
Hess, Chas. E.	do.	225.00	22.20
Hess, Robert L.	do.	150.00	
Hicks, Clifford C.	do.	52.50	
Higgins, Archie J.	do.	92.50	
Higgins, Howard R.	do.	115.00	
Hilbert, Otto R.	do.	150.00	
Hill, F. P.	do.	450.00	7.00
Hill, Perry J.	do.	52.50	
Hillis, Orrison L.	do.	160.00	
Hilskie, Ernest.	do.	142.50	
Hinkle, Shelby B.	do.	257.50	14.48
Hitchcock, W. W.	do.	147.50	
Hjort, G. W.	do.	72.50	
Hobron, Ferris D.	do.	225.00	
Hochderffer, A. C.	do.	210.00	
Holbrook, Fred.	do.	300.00	
Holt, Lewis.	do.	450.00	26.45
Hon, C. C.	do.	190.00	
Hooker, Ralph.	do.	150.00	
Horton, W. H.	do.	75.00	
Houghton, Claud.	do.	145.00	
Houser, Oscar.	do.	40.00	
Hoveland, Bernold W.	do.	207.50	
Howard, Bert.	do.	150.00	
Howard, E. C.	do.	120.00	3.50
Howard, Lawrence J.	do.	37.50	
Howell, Charles F.	do.	150.00	
Hubbard, J. K.	do.	5.00	
Huffman, Edgar P.	do.	147.50	
Huffman, George G.	do.	345.00	
Hofford, Howard.	do.	225.00	
Hulbert, E. W.	do.	a 75.00	
Humphrey, James C.	do.	447.50	
Hungate, Harry.	do.	300.00	
Hunt, Thos. B.	do.	150.00	
Hunt, Thomas M.	do.	125.00	
Hurlbut, J. W.	do.	75.00	
Hurst, C. H.	do.	447.50	
Imes, Chas. R.	do.	167.50	14.35
Imeson, Thomas J.	do.	107.50	
Irvin, E. A.	do.	392.50	6.17
Irvine, C. M.	do.	a 75.00	
Irwin, W. W.	do.	a 75.00	
Jackson, Alexander G.	do.	75.00	

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Jackson, Andrew J.....	Forest guard, at \$900.....	\$445. 00	\$14. 40
Jackson, Clyde C.....	do.....	112. 50	
Jackson, Dan.....	do.....	65. 00	
Jacobs, Thomas.....	do.....	150. 00	
James, Andrew J.....	do.....	257. 50	
James, George W.....	do.....	450. 00	
Jay, Charlton.....	do.....	400. 00	14. 40
Jeanson, Ross H.....	do.....	225. 00	
Jellerson, Guy.....	do.....	a 75. 00	
Jennings, Chas. H.....	do.....	375. 00	4. 50
Jensen, James C.....	do.....	150. 00	
Johansen, Chriss J.....	do.....	a 12. 50	
Johnson, Charles F.....	do.....	150. 00	
Johnson, Dave A.....	do.....	57. 50	
Johnston, Donald P.....	do.....	340. 00	99. 30
Johnston, Edgar B.....	do.....	150. 00	
Johnston, Percy G.....	do.....	450. 00	
Jolliffe, Joseph S.....	do.....	275. 00	6. 95
Jones, Ben.....	do.....	90. 00	
Jones, Glenn.....	do.....	90. 00	
Jones, John L.....	do.....	95. 00	1. 71
Jones, Lee.....	do.....	225. 00	
Jones, Walter J.....	do.....	150. 00	
Jordan, Chester E.....	do.....	428. 75	
Justice, Sterling R.....	do.....	225. 00	
Keating, Clarence P.....	do.....	132. 50	
Keating, Gust.....	do.....	435. 00	
Keithley, Clesus L.....	do.....	225. 00	
Kelley, Esca.....	do.....	150. 00	
Kenelty, Dick.....	do.....	225. 00	
Kennedy, James J.....	do.....	a 20. 00	
Kennedy, Louis J.....	do.....	450. 00	
Kenny, J. C.....	do.....	450. 00	
Kepford, Walter A.....	do.....	300. 00	
Kerby, William.....	do.....	75. 00	
Kerstetter, O. E.....	do.....	75. 00	5. 30
Kierstead, John A.....	do.....	397. 50	
Kierstead, Willam E.....	do.....	450. 00	
King, Otto.....	do.....	75. 00	
Kirchner, John.....	do.....	a 510. 00	
Kirkpatrick, John.....	do.....	225. 00	
Kleiber, Hans N.....	do.....	85. 00	
Klingensmith, O. C.....	do.....	150. 00	
Kniff, Hugo E.....	do.....	375. 00	
Knowles, Archie O.....	do.....	75. 00	
Kress, Charles J.....	do.....	12. 50	
Kruse, John F.....	do.....	185. 00	
La Fordge, Harry J.....	do.....	72. 50	
Lake, J. R.....	do.....	77. 50	12. 40
Lane, Robert A.....	do.....	75. 00	
Larson, J. A.....	do.....	142. 50	
Lawrence, T. A.....	do.....	187. 50	
Lawson, Henry.....	do.....	300. 00	
Leach, George E.....	do.....	450. 00	
Leese, Ranger H.....	do.....	115. 00	
Lewis, Frank.....	do.....	95. 00	
Lewis, Henry L.....	do.....	102. 50	
Lewis, Ralph R.....	do.....	a 75. 00	
Lillie, Earl R.....	do.....	220. 00	
Lindsey, Elmer H.....	do.....	325. 00	
Lindsey, John N.....	do.....	135. 00	
Litcheiser, D. R.....	do.....	70. 00	
Little, R. C.....	do.....	75. 00	
Lochyear, Joseph.....	do.....	75. 00	
Locke, Tony C.....	do.....	212. 50	
Lockhart, James A.....	do.....	175. 00	
Looney, Gaines H.....	do.....	225. 00	
Lord, John G.....	do.....	380. 00	

a Includes salary for June, 1907.

## FOREST SERVICE—Continued

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lubken, Albert.....	Forest guard, at \$900.....	\$450.00	.....
Luccock, J. P.....	do.....	70.00	.....
Lunsford, Wm. J.....	do.....	122.50	.....
Lydiek, Horace.....	do.....	117.50	.....
Lynn, Alma.....	do.....	62.50	.....
Lyon, Harry E.....	do.....	450.00	\$30.45
Lytle, G. E.....	do.....	75.00	.....
McAnally, Knox.....	do.....	450.00	23.25
McClain, John J.....	do.....	150.00	.....
McConnochie, Robt. W.....	do.....	427.50	.....
McCready, Claude B.....	do.....	102.50	2.75
McDaniel, William J.....	do.....	25.00	.....
McDuffie, Arthur.....	do.....	450.00	7.40
McElderry, Horace.....	do.....	150.00	.....
McFadden, Geo. N.....	do.....	157.50	.....
McGee, J. D.....	do.....	75.00	.....
McGinness, Thomas.....	do.....	150.00	.....
McGregor, D. B.....	do.....	150.00	5.50
McLendon, Alexander.....	do.....	435.00	.....
McLennan, Malcolm.....	do.....	97.50	.....
McNamara, James H.....	do.....	267.50	.....
McQuig, Alexander M.....	do.....	150.00	.....
McRee, Jackson.....	do.....	450.00	27.00
Mack, F. Charles.....	do.....	150.00	.....
Macnab, A. T.....	do.....	282.50	8.15
Macy, Henry W.....	do.....	150.00	.....
Manary, Wallace.....	do.....	85.00	.....
Marks, Francis M.....	do.....	87.50	.....
Marlowe, Everett A.....	do.....	207.50	.....
Marsh, George.....	do.....	50.00	.....
Masterson, Leo L.....	do.....	72.50	.....
Mattson, F. W.....	do.....	140.00	.....
Mellenthin, Walter.....	do.....	450.00	.....
Mendenhall, Hugh.....	do.....	210.00	.....
Mercer, Charles.....	do.....	275.00	4.60
Mercer, Thomas L.....	do.....	317.50	8.75
Merrifield, Harry M.....	do.....	450.00	.....
Middleton, Lee.....	do.....	107.50	.....
Minear, J. E.....	do.....	75.00	.....
Mitchell, Frank H.....	do.....	75.00	.....
Mitchell, Robt.....	do.....	450.00	.....
Mitchell, William H.....	do.....	150.00	.....
Moak, Robert R.....	do.....	150.00	.....
Mock, M. A.....	do.....	75.00	.....
Molter, R. W.....	do.....	85.00	.....
Monahan, William.....	do.....	450.00	.....
Monteith, J. C.....	do.....	75.00	.....
Moody, Arthur E.....	do.....	450.00	.....
Moon Howard C.....	do.....	142.50	12.45
Moore, William E.....	do.....	450.00	.....
Mosteller, Joseph.....	do.....	75.00	.....
Mullen, James F.....	do.....	412.50	22.75
Munsell, G. K.....	do.....	140.00	.....
Murken, G. M.....	do.....	205.00	.....
Murphy, Harry A.....	do.....	38.75	.....
Murphy, J. L.....	do.....	375.00	.....
Nail, Charles R.....	do.....	125.00	.....
Neal, Clifford E.....	do.....	75.00	.....
Nelson, Camas.....	do.....	115.00	.....
New, John.....	do.....	450.00	.....
Newell, George.....	do.....	62.50	.....
Noble, Mallory B.....	do.....	115.00	.....
Noon, Arthur H.....	do.....	450.00	.....
Norton, David D.....	do.....	117.50	.....
Notestein, Frank B.....	do.....	75.00	.....
Odle, Fred S.....	do.....	75.00	.....
Oliphant, James A.....	do.....	397.50	13.05
Ordish, Charles E.....	do.....	75.00	4.35

• Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Ouren, Geo. E.	Forest guard, at \$900	\$2.50	
Owens, Elbert C.	do.	190.00	
Oxford, J. P.	do.	350.00	
Palmer, Joseph W.	do.	67.50	
Palmer, Moody	do.	300.00	\$5.60
Parker, George V.	do.	57.50	
Parry, Wm. E.	do.	212.50	
Partridge, Wallace H.	do.	<sup>a</sup> 110.00	
Patten, C. H.	do.	150.00	
Patterson, H. B.	do.	122.50	
Patterson, W. J.	do.	410.00	
Paull, Ernest R.	do.	225.00	
Peach, Henry	do.	225.00	
Pearson, John A.	do.	202.50	19.25
Peck, Ray	do.	67.50	
Pepper, Charles	do.	450.00	
Peters, Truman R.	do.	450.00	
Peterson, Andrews	do.	<sup>a</sup> 375.00	
Peterson, Charles R.	do.	<sup>a</sup> 37.50	
Peterson, J. A.	do.	140.00	
Peterson, P. C.	do.	450.00	
Petrie, James P.	do.	355.00	12.15
Phelan, Lawrence J.	do.	450.00	27.00
Pitchlynn, Paul P.	do.	272.50	
Porter, Charles	do.	<sup>a</sup> 52.50	
Powell, Frank A.	do.	97.50	8.80
Powers, Harry R.	do.	150.00	
Powers, James	do.	122.50	
Powers, Preston	do.	160.00	
Prettywood, Pete A.	do.	150.00	
Price, Frank	do.	150.00	
Price, James C.	do.	150.00	
Pruitt, Grover C.	do.	<sup>a</sup> 75.00	
Putnam, Roscoe J.	do.	247.50	
Quick, J. B.	do.	300.00	
Quigley, Elmer E.	do.	417.50	
Quigley, J. F.	do.	160.00	
Radigan, Arthur	do.	190.00	
Raivley, Harry	do.	147.50	
Rak, Chas. L.	do.	187.50	11.35
Ramey, Fred	do.	70.00	
Rankin, H. B.	do.	225.00	
Ray, Thomas M.	do.	150.00	
Reed, Ivo	do.	90.00	
Reed, James	do.	20.00	
Reed, Pearl E.	do.	205.00	
Reeder, Wm.	do.	175.00	
Reindorp, Cecil R. C.	do.	450.00	106.20
Rhinehart, R. F.	do.	192.50	
Rhodes, John A.	do.	292.50	
Richardson, Willing G.	do.	150.00	
Robert, Jesse E.	do.	252.50	
Robinson, Daniel	do.	75.00	
Robinson, Frank A.	do.	137.50	
Robinson, K. S.	do.	112.50	4.25
Rockwell, E. D.	do.	225.00	
Rogers, Arthur	do.	165.00	
Rogers, W. E.	do.	342.50	9.75
Rogers, W. W.	do.	432.50	8.25
Romey, Edward	do.	125.00	
Rose, Donald M.	do.	<sup>a</sup> 75.00	
Rose, E. P.	do.	<sup>a</sup> 75.00	
Rosenberger, Wm. A.	do.	335.00	
Rudolph, Louis F.	do.	450.00	29.70
Rudy, Joseph E.	do.	177.50	
Rumsey, C. B.	do.	185.00	17.00
Russell, John H.	do.	142.50	
Rutherford, Asa J.	do.	55.00	

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sagehorn, Chas. W.	Forest guard, at \$900.	\$67.50	
Saint, B. F.	do.	275.00	
Salstrom, Wm. B.	do.	52.50	
Sargent, Martin.	do.	395.00	
Sartor, Marvin H.	do.	70.00	
Scarlett, Robert.	do.	335.00	\$6.85
Scholefield, Carl B.	do.	40.00	
Scott, Thos. C.	do.	225.00	
Seamond, Edwin G.	do.	75.00	
Seelos, Geo.	do.	202.50	
Shackelford, John H.	do.	205.00	
Shaner, Osmer W.	do.	225.00	.25
Shannon, Aaron T.	do.	<sup>a</sup> 75.00	
Shepherd, Sanford.	do.	150.00	
Sherman, Roger B.	do.	187.50	
Shevling, Louie W.	do.	<sup>a</sup> 525.00	
Shields, Julius M.	do.	172.50	
Shipp, Leslie E.	do.	<sup>a</sup> 75.00	
Shulmire, Erwin A.	do.	125.00	
Sims, John.	do.	75.00	
Slane, Martin K.	do.	225.00	
Slusser, Archie J.	do.	87.50	
Smith, Andrew R.	do.	52.50	
Smith, Guy P.	do.	210.00	
Smith, Joseph E.	do.	37.50	9.45
Smith, Lester P.	do.	122.50	
Smith, Robert B.	do.	450.00	
Smith, Vic.	do.	150.00	
Smith, William F.	do.	450.00	13.10
Snyder, Simon.	do.	70.00	
Sorenson, Willard S.	do.	40.00	
Sowell, Lindsay C.	do.	150.00	
Spalding, Wm. J.	do.	150.00	
Spencer, Chas. A.	do.	225.00	
Springer, C. D.	do.	<sup>a</sup> 20.00	
Stadler, J. K.	do.	117.50	6.60
Stahlman, L. W.	do.	220.00	
St. Clair, R. C.	do.	47.50	8.90
Stevens, E. D. J.	do.	47.50	
Stevens, Philip.	do.	265.00	
Stewart, Oliver J.	do.	45.00	
Stilwell, Sherman B.	do.	52.50	2.10
Story, John.	do.	55.00	
Strait, W. T.	do.	172.50	
Straw, R. N.	do.	225.00	
Stricklin, Allen.	do.	27.50	
Strothman, S. W.	do.	32.50	
Stuart, William A.	do.	450.00	78.49
Sutherland, Oscar.	do.	137.50	
Sutherland, S. S.	do.	450.00	36.80
Sutton, Henry W.	do.	27.50	
Swain, Joseph.	do.	443.75	
Sypher, A. W.	do.	450.00	14.50
Talmage, G. M.	do.	225.00	
Tanner, Albert H.	do.	332.50	
Taylor, Henry L.	do.	95.00	
Taylor, Jay L. B.	do.	160.00	13.40
Taylor, Joe M.	do.	450.00	
Taylor, R. James.	do.	222.50	25.10
Taylor, Ralph.	do.	75.00	
Taylor, Smith L.	do.	70.00	
Terhune, Gilbert V. P.	do.	192.50	
Tipton, L. E.	do.	120.00	
Thomas, T. C.	do.	150.00	
Thompson, John H.	do.	127.50	
Thorne, A., jr.	do.	450.00	14.50
Thrall, Howard A.	do.	317.50	
Thurman, Thomas H.	do.	90.00	

<sup>a</sup>Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Toepel, Charles.....	Forest guard at \$900.....	\$65.00	.....
Toepel, Wilhelm.....	do.....	65.00	.....
Tomlinson, David.....	do.....	90.00	.....
Tracy, Alva.....	do.....	125.00	.....
Treen, Lewis A.....	do.....	45.00	.....
Tremewan, Will H.....	do.....	225.00	.....
Turner, U. S. G.....	do.....	100.00	.....
Vannoy, Samuel T.....	do.....	450.00	.....
Van Riper, F. S.....	do.....	225.00	.....
Vaughn, Ben.....	do.....	237.50	.....
Waara, J. William.....	do.....	327.50	.....
Waldrop, Frank.....	do.....	75.00	.....
Walker, Frank B.....	do.....	290.00	.....
Wallace, J. W.....	do.....	450.00	.....
Wallis, Francis.....	do.....	225.00	\$8.25
Wallis, John A.....	do.....	107.50	.....
Walls, Peter.....	do.....	65.00	.....
Walters, Charles R.....	do.....	135.00	.....
Ward, Elmer V.....	do.....	45.00	.....
Ward, Louis B.....	do.....	275.00	17.55
Waterworth, John.....	do.....	450.00	26.85
Watkins, Albert B.....	do.....	110.00	.....
Watrous, C. E.....	do.....	122.50	8.85
Watson, Charles E.....	do.....	<sup>a</sup> 75.00	.....
Wedemeyer, E.....	do.....	182.50	.....
Weholt, Adolph.....	do.....	435.00	.....
Weidner, Henry C.....	do.....	150.00	.....
Weir, Fred.....	do.....	70.00	.....
Weldon, Benj. C.....	do.....	252.50	.....
Wells, George.....	do.....	245.00	.....
Welsh, Thomas H.....	do.....	450.00	50.00
Welton, Earl V.....	do.....	450.00	.....
West, George H.....	do.....	40.00	.....
Whipple, David.....	do.....	150.00	.....
White, Charley C.....	do.....	150.00	.....
White, James S.....	do.....	450.00	10.05
Whitesitt, Roy N.....	do.....	<sup>a</sup> 67.50	.....
Whitlatch, J. S.....	do.....	<sup>a</sup> 525.00	.....
Whitney, Horace G.....	do.....	52.50	.....
Whittle, W. C.....	do.....	57.50	.....
Wilcox, Ray.....	do.....	225.00	.....
Wilder, Albert R.....	do.....	142.50	.....
Wilkerson, Jerry.....	do.....	<sup>a</sup> 75.00	.....
Will, Will F.....	do.....	70.00	.....
Williams, David L.....	do.....	140.00	.....
Williams, Frederick H.....	do.....	150.00	.....
Williams, Richard.....	do.....	135.00	.....
Williams, Walter C.....	do.....	440.00	.....
Wimmer, Otis M.....	do.....	142.50	.....
Winn, James T.....	do.....	260.00	.....
Wilson, W. I.....	do.....	450.00	18.25
Wilson, William W.....	do.....	75.00	.....
Woodman, Harvey E.....	do.....	70.00	.....
Woodruff, B. G.....	do.....	90.00	.....
Woodruff, Julian.....	do.....	90.00	.....
Woodworth, Hiram A.....	do.....	72.50	.....
Worrell, William.....	do.....	<sup>a</sup> 225.00	.....
Wright, Adam H.....	do.....	115.00	.....
Wright, Anderson T.....	do.....	400.00	.....
Wright, Crispin.....	do.....	260.00	11.50
Young, Earle N.....	do.....	160.00	.....
Zumwalt, Edward S.....	do.....	107.50	.....
Opalka, Frank.....	Forest guard, at \$840 and \$900.....	<sup>a</sup> 520.00	.....
Congleton, C. S.....	Forest guard, at \$720, and deputy forest ranger, at \$1,100.....	<sup>a</sup> 610.00	.....
Garrett, William X.....	do.....	<sup>a</sup> 610.00	12.70
Hall, Harry C.....	do.....	<sup>a</sup> 610.00	170.67
McClure, Francis S.....	do.....	<sup>a</sup> 610.00	.....

<sup>a</sup>Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Thomas, Bradley M.....	Forest guard, at \$720, and deputy forest ranger, at \$1,100.	a \$610.00	\$22.55
Viles, Harry C.....	do.	a 610.00	100.25
Mitchell, Frank H.....	Forest guard, at \$720 and \$900, and deputy forest ranger, at \$1,000.	a 468.34	.....
White, Cornealious E.....	Forest guard, at \$720 and \$900, and deputy forest ranger, at \$900 and \$1,000.	a 551.12	.....
Barton, Walter S.....	Forest guard, at \$720, and deputy forest ranger, at \$1,000.	a 560.00	.....
Blush, Chas. E.....	do.	a 476.67	6.55
Darling, William R.....	do.	a 530.00	21.00
Delano, George L.....	do.	a 532.00	18.70
Dorman, John W.....	do.	a 554.44	20.25
Emerick, Walter F.....	do.	a 560.00	.....
Hedrick, Frank.....	do.	a 296.11	9.10
Hunt, Harry H.....	do.	a 532.00	.....
Johnston, Eugene L.....	do.	a 522.00	.....
King, Clarence A.....	do.	a 548.00	.....
McAbee, James W.....	do.	a 518.33	52.75
McEwan, Sherwood S.....	do.	a 560.00	.....
Miller, John M.....	do.	a 135.89	.....
Murphy, Dwight.....	do.	a 218.33	.....
Murray, Martin A.....	do.	a 510.00	8.05
Ross, Elmer C.....	do.	a 226.67	.....
Scott, James A.....	do.	a 560.00	15.08
Taylor, Pearl A.....	do.	a 560.00	29.20
West, Charles.....	do.	a 310.00	.....
Wilson, Henry G.....	do.	a 560.00	.....
Allen, Clarence L.....	Forest guard, at \$720 and \$900, and assistant forest ranger, at \$900.	a 307.50	.....
Poe, William A.....	do.	a 510.00	18.70
Reed, Homer O.....	do.	a 510.00	15.35
South, Dock F.....	do.	a 250.00	.....
Baker, Albert.....	Forest guard, at \$720, and assistant forest ranger, at \$900.	a 510.00	.....
Baker, W. L.....	do.	a 145.00	.....
Ballard, Elmer E.....	do.	a 247.50	.....
Boothe, Roy.....	do.	a 510.00	.....
Brown, Albert C.....	do.	a 510.00	.....
Brown, Wm. M.....	do.	a 500.00	.....
Callahan, Charles R.....	do.	a 210.00	20.65
Coffman, Chauncey.....	do.	a 257.00	.....
Cohea, William M.....	do.	a 510.00	146.62
Connors, J. F.....	do.	a 510.00	12.70
Cook, Bird I.....	do.	420.00	.....
Copren, Charles A.....	do.	a 357.50	5.55
Dalley, J. W.....	do.	a 510.00	14.55
Daniels, C. A.....	do.	a 510.00	.....
Dinsmoore, John M.....	do.	a 350.00	.....
Dodge, William L.....	do.	a 285.00	.....
Hilton, David B.....	do.	a 510.00	.....
Hull, James H.....	do.	a 187.50	.....
Humiston, George E.....	do.	a 510.00	.....
Ivie, Alden S.....	do.	a 247.50	9.50
Ivie, Ray.....	do.	a 247.50	.....
Johnson, Joseph P.....	do.	a 510.00	.....
Kendall, William H.....	do.	a 510.00	.....
Knowles, Louis.....	do.	a 510.00	16.30
McCoy, Melvin.....	do.	a 239.50	.....
McLeod, Dan W.....	do.	a 510.00	.....
McPheters, Wallace.....	do.	a 280.00	.....
Martin, William C.....	do.	a 510.00	44.58
Mathias, R. D.....	do.	a 170.00	.....
Metcalf, C. C.....	do.	a 480.00	11.85
Moss, Roy.....	do.	a 510.00	.....
Owings, William A.....	do.	a 210.00	15.35
Peterson, Nelse E.....	do.	a 510.00	12.35
Spaulding, L. F.....	do.	a 135.00	.....

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Spence, Gilbert J.	Forest guard, at \$720, and assistant forest ranger, at \$900.	a \$285.00	.....
Stockton, James W.	do.	a 82.50	.....
Strodbeck, Chas. A.	do.	a 210.00	.....
Swank, James F.	do.	a 510.00	.....
Taylor, Ed.	do.	a 187.50	.....
Vincent, John	do.	428.00	.....
Wheatley, John C.	do.	a 510.00	.....
Woolley, Herbert E.	do.	a 260.00	.....
Anderson, H. Vernon	Forest guard, at \$720 and \$900.	a 510.00	.....
Anderson, John N.	do.	a 510.00	.....
Birdsell, Arlie J.	do.	a 510.00	.....
Burlingame, Marion	do.	a 247.50	.....
Cole, Frank P.	do.	a 435.00	.....
DeEwart, Robert A.	do.	390.00	.....
Fraser, J. S.	do.	a 510.00	.....
Graham, Fred W.	do.	a 495.00	.....
Grand, John	do.	a 510.00	.....
Higgins, Frank	do.	a 507.50	.....
Ledford, Geo. R.	do.	a 243.50	.....
McGuire, William F.	do.	340.00	.....
O'Neill, Guy	do.	a 510.00	.....
Park, Earl L.	do.	a 510.00	.....
Parker, Rutledge	Forest guard, at \$720 and \$1.50 per diem.	a 105.00	.....
Adamson, Seth	Forest guard, at \$720.	a 60.00	.....
Atkin, Henry A.	do.	a 60.00	.....
Baldwin, Harlow M.	do.	342.00	.....
Baker, Claude K.	do.	90.00	.....
Baumgartner, John E.	do.	a 60.00	.....
Beckham, Fritz O.	do.	122.00	.....
Bindhammer, F. L.	do.	a 6.00	.....
Bird, Fred J.	do.	a 60.00	.....
Booth, James E.	do.	a 60.00	.....
Boulter, Joseph M.	do.	360.00	.....
Bright, Walter A.	do.	a 60.00	.....
Brown, Jerry	do.	132.00	.....
Brown, Lawrence J.	do.	a 32.00	.....
Bull, Ira W.	do.	90.00	.....
Bush, A. L.	do.	120.00	.....
Campbell, Myron	do.	a 12.00	.....
Chandler, James M.	do.	a 60.00	.....
Childs, C. R.	do.	a 60.00	.....
Chrisman, Morris	do.	a 60.00	.....
Cilley, Isaac	do.	a 60.00	.....
Cooper, W. T.	do.	a 60.00	.....
Cormack, Ralph	do.	a 10.00	.....
Cummings, John B.	do.	a 54.00	.....
Cutler, Louis	do.	a 60.00	.....
Davidson, William Q.	do.	a 60.00	.....
Dayton, Ben.	do.	a 60.00	.....
Deckard, William R.	do.	a 54.00	.....
Donahue, William A.	do.	360.00	.....
Douglas, Arthur E.	do.	a 30.00	.....
Drachbar, Francis X.	do.	a 60.00	.....
Edmunds, Louis D.	do.	a 60.00	.....
Edwards, A. H.	do.	294.00	.....
Ellis, William M.	do.	a 120.00	.....
Ellsworth, Elmer E.	do.	a 60.00	.....
Fitzpatrick, John	do.	a 60.00	.....
Foley, Christopher E.	do.	a 60.00	.....
Ford, O. J.	do.	a 24.00	.....
Fortin, Eddie W.	do.	a 60.00	.....
Foster, Albert	do.	342.00	.....
Freeman, E. A.	do.	a 14.00	.....
Freeman, Henry	do.	146.00	.....
Frost, Rolla	do.	12.00	.....
Fulton, Charles W.	do.	328.00	.....
Grace, Thos. C., jr.	do.	a 60.00	.....

• Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Griffith, Howard	Forest guard, at \$720	a \$52.00	
Hale, R. Lacy	do	a 60.00	
Highfall, Albin A.	do	230.00	
Holmes, Everett T.	do	360.00	
Hotchkiss, Henry H.	do	a 60.00	
Johnson, Russell	do	120.00	
Johnson, Warren	do	a 60.00	
Keefe, J. H.	do	a 26.00	
Kinsey, John D.	do	240.00	
Lindt, John J.	do	356.00	
Little, Samuel S.	do	162.00	
Logan, Seward C.	do	44.00	
Mershon, Wm. E.	do	88.00	
Meservey, R. T.	do	a 60.00	
Moore, Chas. B.	do	a 32.00	
Morris, Wm. T., jr.	do	a 36.00	
Newman, Wm. W.	do	a 60.00	
Noddin, Ralph	do	a 50.00	
Norman, William C.	do	120.00	
Opalka, John	do	a 60.00	
Parkinson, W. H.	do	180.00	
Payne, Clinton B.	do	a 60.00	\$1.99
Payne, Frank	do	98.00	
Pearson, Montie	do	a 60.00	
Perkins, Proctor K.	do	a 60.00	
Pingree, Jno. W.	do	a 20.00	
Price, Archie	do	a 60.00	
Quattlebaum, Riley W.	do	156.00	
Roach, Sterling P.	do	a 60.00	
Rodgers, R. J.	do	120.00	
Roy, John Emery	do	a 60.00	
Ruth, Arch. S.	do	a 52.00	
Schleffer, William	do	a 26.00	
Shaw, Armand	do	206.00	
Shaw, Fred L.	do	a 56.00	
Shinn, C. H.	do	230.00	
Skougard, Zell M.	do	a 60.00	
Smith, Solomon	do	a 60.00	
Spicer, Bedar A.	do	72.00	
Stead, W. R.	do	a 60.00	
Stone, Redmon D.	do	42.00	
Teaford, Taylor	do	160.00	
Thompson, Chas. D.	do	a 32.00	
Thompson, Louis E.	do	a 60.00	
Tripp, Louis J.	do	a 60.00	
Webb, Jason G.	do	a 60.00	
Yancey, J. P.	do	108.00	
Yarber, Wm. W.	do	124.00	
Zumwalt, A. B.	do	a 10.00	
Zwemer, John A.	do	a 60.00	
Clasen, Mat.	Forest guard, at \$65 per month	212.33	
Bird, David	Forest guard, at \$35 per month	a 35.00	
Torres, Tobias	Forest guard, at \$30 per month	105.00	
Tyler, A.	Forest guard, at \$120	60.00	
Sylvester, A. H.	Topographer, at \$1,800	400.00	78.25
Dahl, Arthur L.	Clerk, at \$1,200 and \$1,300	a 750.00	
Bembry, Burnett W.	Clerk, at \$1,200	a 700.00	
Douglas, F. C.	do	36.67	
Downs, Norman L.	do	400.00	106.75
Stevens, Whitney H.	do	600.00	
Montgomery, Elmer F.	Clerk, at \$1,100	550.00	4.39
Buck, Shirley	Clerk, at \$1,000 and \$1,200	a 383.34	
Dilley, James W.	Clerk-bookkeeper, at \$1,000 and \$1,200	a 683.34	
Haynie, Frank	Clerk, at \$1,000 and \$1,200	a 683.34	
Steward, Luther	do	a 683.34	
Jeffrey, George L.	Clerk, at \$1,000 and \$1.50 per diem and at \$1,000	a 628.34	
Bell, Mary E.	Clerk, at \$1,000	91.67	
Fish, Frederick A.	do	500.00	

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Leming, Saml. K.	Clerk, at \$1,000	\$350.01	
Murnane, George W.	do.	158.33	\$71.85
Stewart, Pearl Hibbs.	do.	466.67	
Dougherty, Jefferson M.	Clerk, at \$900 and \$1,100.	458.89	4.35
Porter, F. C.	do.	<sup>a</sup> 625.00	
Aicher, George E.	Clerk, at \$900	375.00	
Bartmess, Edith H.	do.	67.72	25.85
Bennett, Bertha.	Clerk, at \$75 per month.	<sup>a</sup> 75.00	
Bullard, Clara G.	Clerk, at \$900.	150.00	
Cloutier, Sara C.	do.	225.00	
Forsythe, Harriett.	do.	300.00	
Fristoe, Anna E.	do.	115.00	
Fuller, Maude M.	do.	150.00	
Gardner, Chas. T.	do.	240.00	
Hallott, Thos. H.	do.	125.00	
Hansen, Fred.	do.	37.50	
Humphrey, Paul N.	do.	<sup>a</sup> 75.00	
Jensen, Effie.	do.	85.00	30.85
Mattsson, Carl A.	do.	257.50	
Metcalf, Vernon.	do.	225.00	
Mitchell, Evelyn.	do.	177.50	
Reed, Rose W.	do.	317.50	
Samuels, Martha.	do.	75.00	49.90
Siegner, George A.	do.	137.50	
Smith, Alice.	do.	150.00	
Tenwell, Birdina.	do.	220.00	
Unser, Martin N.	do.	205.00	
Veitch, Frances A.	do.	275.00	
Webb, Robert E. L.	do.	100.00	
Wyckoff, Josiah M.	do.	165.00	
Yarger, Maymee.	do.	450.00	
Rathbun, C. M.	Clerk, at \$600.	100.00	
Rex, Violet M.	Clerk, at \$450.	181.33	
Slosson, Edna E.	Clerk, at \$300 and \$900.	<sup>a</sup> 425.00	
Williams, Philo M.	Clerk and forest guard, at \$900.	300.00	8.66
Bunton, William B.	Clerk, stenographer, and typewriter, at \$1,200.	<sup>a</sup> 100.00	
Humeston, Stephen J.	do.	<sup>a</sup> 700.00	5.80
Weir, T. B.	do.	346.67	
Gage, Charles P.	Clerk, stenographer, and typewriter, at \$1,100.	522.49	
White, Ethel M.	do.	275.00	
Agee, Fred B.	Clerk, stenographer, and typewriter, at \$1,000, \$1,200, and \$1,400.	<sup>a</sup> 788.34	24.75
Caisse, Antoine M.	Clerk, stenographer, and typewriter, at \$1,000.	500.00	9.35
Fraser, W. R.	do.	500.00	18.90
Marr, Arthur N.	do.	<sup>a</sup> 83.34	
Schurr, John M.	do.	291.67	
Jones, Joseph J.	Clerk, stenographer, and typewriter, at \$1,000, and forest guard, at \$900.	466.66	9.85
Johnson, B. F.	Clerk, stenographer, and typewriter, at \$900, assistant forest ranger, at \$1,000, and forest ranger, at \$1,200.	<sup>a</sup> 566.66	
Barrett, Thomas F.	Clerk, stenographer, and typewriter, at \$900 and \$1,100.	466.67	
Smith, Mary E.	do.	516.67	
Thompson, Ralph W.	do.	530.00	
Collins, Thomas J.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	<sup>a</sup> 575.00	48.25
Cook, E. Violet.	do.	490.56	
Lane, Howard F.	Clerk, stenographer, and typewriter, at \$900, and clerk, at \$1,000.	462.50	17.75
Porter, H. W.	Clerk, stenographer, and typewriter, at \$900 and \$1,000.	<sup>a</sup> 469.44	
Roche, Maria H.	Clerk, stenographer, and typewriter, at \$1,000.	497.22	9.00
Shinn, Julia T.	do.	500.00	
Bennyhoff, J. R.	Clerk, stenographer, and typewriter, at \$900.	150.00	20.80
Bonham, Vada.	do.	450.00	
Broadhurst, W. W.	do.	185.00	
Brown, Tina N.	do.	402.50	

<sup>a</sup> Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Eastman, E. W.	Clerk, stenographer, and typewriter, at \$900....	\$440.00	.....
Hartley, Verena E.	do.....	450.00	.....
Hemingway, Harry	do.....	185.00	.....
Hogan, Winifred	do.....	450.00	.....
Ireland, Anna	do.....	150.00	.....
Larison, Dorothy F.	do.....	300.00	.....
Lloyd, Edith A.	do.....	447.50	.....
Morris, Lillian B.	do.....	95.00	.....
Nelson, Esther	do.....	450.00	\$2.37
Newell, Esma A.	do.....	105.00	.....
Riley, May	do.....	412.50	.....
Sexton, William H.	do.....	37.50	.....
Simpson, Walter D.	do.....	102.50	.....
Slawson, Dora	Clerk, stenographer, and typewriter, and forest clerk, at \$900.	450.00	.....
Sommers, Chas. A.	Clerk, stenographer, and typewriter, at \$900....	240.00	.....
Thompson, Maude A.	do.....	450.00	.....
Webster, Marjorie D.	do.....	225.00	.....
Williamson, Laura E.	do.....	450.00	.....
Wilson, Grace	do.....	47.50	.....
Woodman, U. M.	do.....	150.00	.....
Wools, Lula Theo.	do.....	450.00	7.45
Smith, Roy N.	Clerk, stenographer, and typewriter, and assistant forest ranger, at \$900.	450.00	.....
Pooler, Marjorie	Clerk, stenographer, and typewriter, at \$800, and clerk (typewriter), at \$900.	a 476.11	.....
Redlingshafer, Herald L.	Clerk, stenographer, and typewriter, at \$720, and forest clerk, at \$900.	375.00	.....
Cook, Susie A.	Clerk, stenographer, and typewriter, at \$720, and clerk, at \$800.	a 460.00	.....
Case, Nellie A.	Clerk, stenographer, and typewriter, at \$720....	322.00	.....
Franklin, Marion	do.....	360.00	.....
Hurst, Margaret	do.....	114.00	.....
Graeter, Oline	do.....	358.00	.....
Wilson, Frances	Clerk, stenographer, and typewriter, at \$900, and forest clerk, at \$1,000.	a 510.84	.....
Jensen, Margaret E.	Clerk, stenographer, and typewriter, at \$480, and clerk, at \$900.	398.67	.....
Pickett, Ruby H.	Clerk-typewriter, at \$1,000.....	125.00	.....
Greenwald, Otto	Clerk-typewriter, at \$900.....	150.00	17.35
Kelly, Anna L.	do.....	287.50	.....
Sinclair, Florence L.	do.....	92.50	.....
Graves, H. S.	Collaborator, at \$300.....	25.00	.....
Mackintosh, R. S.	Collaborator, at \$4 per diem.....	20.00	.....
Wright, William A.	Unskilled laborer, at \$45 per month.....	a 60.00	.....
Total		849,750.33	.....

a Includes salary for June, 1907.

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Boise Book and Music Co. (Limited).....	\$1.50	Apodaca, Desiderio.....	\$21.25
Foot Mercantile Co., E.....	1.00	Apodaca, Evaristo.....	114.00
Fuller Drug Co.....	3.15	Appleton, Mabelle C.....	100.00
Griggs Stationery and Printing Co.....	1.25	Archibald, David.....	2.00
Kendrick Book and Stationery Co.....	2.80	Archibald, M.....	1.00
Nicholson Hardware Co.....	1.00	Archibeque, Benarde.....	14.40
Sonora News Co.....	8.20	Archuleta, Escupula.....	24.75
Southern Utah Equitable.....	2.20	Archuleta, Francisco.....	5.00
Thompson Falls Mercantile Co.....	2.60	Arduser, McLeod & Co.....	11.42
Weltmer, Jacob.....	2.25	Arizona Cooperative Mercantile Insti- tution.....	3.50
Total.....	25.95	Arizona Lumber and Timber Co.....	33.78
<i>Miscellaneous supplies, etc.</i>		Arlington Hotel.....	217.50
Abbott, Carl L.....	34.00	Armenta, Martin.....	23.40
Abbott, W. P.....	7.20	Armour, James.....	4.70
Adams, A., Jr.....	5.00	Armour Fertilizer Works.....	13.75
Adams, Elmer H.....	66.74	Armour Packing Co.....	17.30
Adams, H. E.....	6.00	Armour & Co.....	79.36
Adams-Gardiner Lumber Co.....	222.58	Armstrong, Dennis.....	13.50
Addington, A. B.....	12.00	Armstrong, Fred.....	6.00
Addy, Robt. E.....	36.60	Armstrong, James.....	4.00
Adkins, J. M.....	67.05	Armstrong, Marion.....	24.25
Adsley & Sons, E.....	12.89	Armstrong & Grandjean Mercantile Co.....	10.55
Aguilar, M.....	31.50	Arnott & Co.....	42.04
Ahlstrom Bros.....	3.00	Artega, Delido.....	10.00
Aiken, S. S.....	24.68	Arzner Bros.....	4.50
Ainger, F. E.....	9.00	Ashburn, O. F.....	68.00
Ainsworth, C. F.....	15.00	Ashman, Frank.....	94.50
Albany Hardware Co.....	31.45	Ashman, W. A.....	68.00
Albany Planing Mill.....	28.85	Askin, H.....	6.50
Albuquerque Lumber Co.....	132.43	Atka, John.....	70.00
Alderette, Emiliano.....	10.50	Atkin, Henry.....	41.87
Alderette, Margarito.....	10.50	Atkinson, G. W.....	300.00
Alexander Hardware and Lumber Co., T. M.....	80.26	Atwood-Blakeslee Lumber Co.....	8.68
Allan, Fred.....	3.50	Auld, C. E.....	24.00
Allen, Alfred.....	29.25	Austin Commercial Co.....	59.15
Allen, Chas. J.....	15.00	Averett, Geo. E.....	77.50
Allen, Elba.....	8.00	Averill, Wallace S.....	97.50
Allen, James A.....	8.00	Awl, Elmer.....	203.53
Allen, Levi.....	52.25	Ayres, F. P.....	82.65
Allen, Lewis.....	53.00	Ayres & Co., Geo. V.....	55.50
Allen, Walter F.....	12.00	Babbitt Bros.....	77.80
Allen Co.....	61.63	Babbitt Bros. Co.....	190.97
Alley, Frank E.....	16.45	Babeock, Wm. M.....	40.00
Allison, W. C.....	19.00	Baca, Francisco.....	16.50
Allison, W. O.....	10.00	Baca, Jose.....	10.00
Alsop, Thos. J.....	70.00	Bacher, A. W.....	10.00
American Electric Co.....	106.12	Bacher, J. F.....	23.00
American Hardware Co.....	355.79	Backman, Charles.....	9.00
American Steel and Wire Co.....	1,483.49	Baehr, F. S.....	119.50
Ames, Carl.....	16.00	Baggott, Chas.....	88.50
Ammons, R. A.....	92.00	Bailey, E. A.....	133.75
Anaconda Copper Mining Co.....	166.94	Bailey, Geo.....	15.40
Anderson, A. J.....	20.00	Bailey, James.....	45.00
Anderson, B. E. & L. E.....	4.45	Bailey, V. Massingill.....	457.00
Anderson, Charles.....	10.00	Bair, George C.....	5.46
Anderson, Frank.....	21.06	Baird Mercantile Co., L. J.....	21.40
Anderson, George.....	41.25	Baird, Richard.....	10.50
Anderson, Gustave.....	2.50	Baker, C. E.....	21.00
Anderson, J. M.....	6.00	Baker, Ed. E.....	88.50
Anderson Lumber and Hardware Co.....	11.60	Baker, Wm.....	5.00
Anderson, Martin.....	41.25	Bakersfield Hardware Co.....	106.40
Anderson, R. J.....	33.22	Bakersfield Plumbing Co.....	107.35
Anderson, Sanford.....	36.00	Bald, Mrs. G. A.....	50.50
Anderton, W. J.....	32.50	Baldrige, J. C.....	22.75
Andress, J. Fred.....	8.50	Baldwin, W. J.....	1.75
Andrews, H. J.....	29.25	Ballard, Elmer E.....	12.50
Andrus & Sons, James.....	1.80	Ballard, S. T.....	119.10
Angell, Jesse.....	26.00	Balovich, Frank.....	37.00
Angst, Mrs. G. W.....	4.00	Banks, William.....	5.50
Anthony, J. W.....	44.75	Barclay, Higdon & Co.....	36.75
Anthony, Maurice.....	43.75	Barcroft, Fred.....	20.55
Anthony, Wallace.....	36.25	Barker, Claude.....	100.13
Apgar, H. D.....	6.00	Barker, Jess.....	16.00
		Barlow Bros.....	1,736.08
		Barnard, A. D.....	13.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,263,957.68"—Continued.

Name.	Amount	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Barnes & Son, C. S.	\$66.84	Bickel, G. L.	\$1.00
Barnett, G. W.	18.75	Bieber & Huber.	10.75
Barnett, J. H.	11.40	Biescar Bros.	79.56
Barnickel, A.	3.25	Big Blackfoot Milling Co.	479.51
Barr, William J.	8.00	Bigelow, Chas. S.	16.00
Barrett, Arthur C.	211.75	Big Hole Commercial Co.	12.50
Barrett, Hicks Co.	207.51	Billings, Henry E.	4.00
Barrington Store (Incorporated).	25.49	Billings Hardware Co.	38.82
Barrows & Son, F. P.	65.04	Binning, Burleigh.	150.00
Barry, Tim.	50.18	Binning, Henry.	125.00
Bartell, George.	3.75	Birdno, Charles N.	118.50
Barthold, G. M.	8.65	Bispring, Henry.	13.33
Bashford-Burmister Co.	239.96	Bissett, E. O.	25.00
Basche Hardware Co., C. C.	140.72	Bitney, L. E.	28.13
Baskier, J. H.	164.00	Brizard (Incorporated), A.	3.64
Bassett, George S.	10.00	Black & Atkins Co.	43.42
Bassett, Thomas N.	10.00	Black, James.	34.37
Bates & Belden.	83.30	Black, John.	29.25
Bauer, James.	93.75	Blackburn, James L.	108.75
Bauer Mercantile Co., Geo.	33.52	Blackfoot Commercial Co.	1,537.83
Bayer, Frank.	65.12	Blackwell, Herman.	25.00
B. B. Furniture Co.	3.15	Blair, Frank E.	183.78
Beach & Wellman.	27.16	Blake, Edgar A.	7.50
Beam, Mrs. A. J.	3.50	Blake, F. G.	226.22
Beaman, Frank S.	16.65	Blake Hardware Co.	3.90
Beamish, W. H.	133.95	Blakely, R. T.	10.00
Bean Hardware Co., A. B.	72.05	Blakeslee, W. W.	11.00
Beardmore, Chas. W.	75.40	Blanchard, Asael D.	20.00
Beardsbear, Geo.	26.25	Blanchard, H.	16.00
Beatty, Jas. A.	17.05	Blankenbaker, Arthur.	2.50
Becker, Gustav.	396.06	Blankenbaker, W. E.	2.50
Becker-Blackwell Co.	995.62	Blankenship, E. O.	1.00
Becker-Mactavish Co.	104.75	Blankenship, B. J.	3.00
Becker, W. E.	60.00	Blankenship, C. H.	57.50
Bedford & Halliday.	7.50	Blankenship, Henry.	49.00
Bee Publishing Co.	18.00	Bletcher, W. B.	32.50
Beekman, Menke & Co.	259.24	Blinn Lumber Co., L. W.	239.77
Beem, Mrs. A. J.	27.50	Bliss Hardware Co., H.	100.49
Beers, H. W.	36.55	Bergstrom, P. E.	10.00
Beers & Haynes.	11.00	Bliton, A. S.	5.00
Behring, A.	250.00	Block-Miller Lumber Co.	444.12
Beezley, B. A.	444.45	Blocker, D. E.	40.00
Behrman, A. F.	17.50	Blow, W. C.	10.82
Behrmann, Hans J.	7.50	Blumberg, Mrs. R. A.	36.30
Beller, Carl.	87.75	Blume, W. E.	27.50
Belmont Variety Store.	5.00	Blunt, T. W.	52.00
Bell, Peter.	35.00	Board of County Commissioners.	500.00
Belshaw, George H.	5.75	Boardman, J. W.	21.15
Benbough Furniture Co.	2.00	Boeseke-Dawe Co.	25.00
Benedick, P.	13.50	Bohnenkamp Co., W. H.	64.74
Benedict, M. M.	23.50	Bolding, G. C.	90.38
Benefield, A. E.	45.00	Bolinger, W. A.	348.77
Benefield, Frank.	35.00	Bomar, Ned & Wolfe, Carl L.	523.33
Benjamin, Wilson E.	27.00	Bond, Floyd G.	22.50
Bennett, Mrs. Annie.	6.00	Bond, L. A.	42.39
Bennett, Arthur.	5.98	Bond & Nohl.	155.01
Bennett, James M.	17.00	Bond, Spencer W.	42.50
Bennett, J. W.	60.73	Bonds, James, sr.	680.00
Bennett & Stephens.	83.57	Bonds, James G.	84.00
Bennett, W. R.	1.35	Bonna, Henry.	102.00
Benson, John W.	48.75	Bonne, Mac C.	750.00
Bentley, E. M.	116.30	Bonnell, B. J.	10.00
Benton & Co., Geo. P.	2.50	Bonner Lumber Co.	21.77
Bercaw, E. H.	42.23	Boothe, Delbert.	127.00
Bergleen, John.	100.00	Boranda, John.	30.37
Bergman, Walter.	54.50	Barden, E.	6.00
Bernalillo Mercantile Co.	2.90	Boronada, Y.	11.33
Bernard, T. E.	131.87	Borrows, J. D.	8.64
Berntson, Alfred.	301.70	Bostick, I. F.	125.00
Berray, James J.	46.79	Bovard, S. C.	25
Berry, John R.	6.00	Bovee, Ira N.	28.80
Berry, L. A.	91.62	Bowen, J. C.	12.50
Berryhill, J. T.	150.00	Bowman, John.	7.50
Bettandorff, Geo.	62.50	Bowman & Co.	83.46
Betz, Geo.	6.05	Boyce, Mrs. F. S.	13.55
Bevans, D. C.	23.00	Boyd, F. J.	13.00
Bibo Brothers (Incorporated).	3.45	Boyd, W. R.	10.50

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Bradford, William	\$8.50	Cage, Wm. O.	\$21.25
Bradley, A. D.	4.50	Cagnacci, Peter	93.43
Bradley, C. C.	13.65	Cahoon, L. H.	5.00
Bradshaw, George	150.00	Cairns, Robt.	8.00
Brady, Chas.	51.00	Caldwell, Mrs. Dan	95.09
Brady, M. L.	4.00	Caldwell, S. C.	96.70
Brainard Hardware Co.	12.90	Calhoun, N. S.	375.00
Brangman & Lawless	9.50	California Electric Co.	58.11
Brannan, Julius	22.50	California Electrical Works	482.64
Breen, F. S.	4.30	California Hot Springs	107.03
Breese, Theodore	23.00	Calkins, Bert H.	13.75
Breiner, John	2.95	Callahan, E. G.	21.00
Brennan, John	5.00	Callander, E. W.	7.00
Brennan Bros.	107.02	Callow, F. B.	39.20
Brewer, A. J.	6.00	Cameron, Dan	18.75
Brewer, Fred E.	16.00	Camp Rincon Resort Co.	9.40
Bridger Coal and Improvement Co.	25.00	Campbell, Frank	6.75
Briggs, H. D.	52.62	Campbell, F. G.	27.50
Brinzer, Herman	8.63	Campbell, Hiram	33.75
Broadwater County Hardware Co.	80.82	Campbell, H. B.	5.00
Broderick, Alma	4.50	Campbell, Tom	5.00
Broken Bow Steam Bakery	25.00	Campbell, W. H.	35.00
Brookings Lumber and Box Co.	14.42	Campbell, W. V.	26.75
Brooks, A. N.	144.00	Cantonwine, W. O.	101.24
Brosnire, J. W.	10.00	Cantwell, W. F.	31.16
Brown, Chas.	18.00	Capital Lumber Co.	408.00
Brown, Frank	4.00	Carabajal, Damian	10.50
Brown, Fred E.	5.00	Carbon Timber Co.	44.84
Brown, John F.	86.76	Carden, Chester	27.00
Brown, Mrs. J. E.	41.87	Carey, Robert	8.00
Brown, N. D.	27.66	Carlin, F. W.	10.40
Brown, Rufus B.	114.75	Carlos, Atencio	27.50
Brown, Sam	54.50	Carlson-Lusk Hardware Co.	39.33
Brown Hart Co. (Limited)	18.40	Carlton & Noble	14.95
Brown Co., The A.	399.29	Carmack, Wm	10.00
Brown Trading Co., H. O.	121.04	Carmony, Sherman	54.40
Browne, George	38.25	Carns, Frank	21.25
Brownell Bros. Co.	184.00	Caron, J. R.	13.25
Bruce, Arthur A.	88.75	Carpenter, C.	2.25
Bruce G. T.	88.75	Carr & Elsethagen	261.51
Brundage Hardware Co.	19.15	Carrack, Ralph	12.00
Brunson, G. W.	5.00	Carrey, Robert	6.00
Brunson, Hester	10.00	Carroll, P. B.	10.00
Brunson, J. N.	7.50	Carroll, W. D.	16.80
Bryant & Trott Co.	22.70	Carroll, W. H.	20.90
Buck Mercantile Co., Amos	93.38	Carson, Frank O.	5.00
Buckeye Sawmill Co.	149.45	Carter Bros.	178.10
Buckmaster, Geo. W.	250.00	Carver, E. T.	37.25
Buell, John L.	4.50	Cary Hardware Co.	4.95
Buhne Co., H. H.	153.45	Cascade Lumber Co.	20.10
Bullard, Clara G.	57.50	Case, Albert L.	20.00
Bullock, Herbert	10.00	Case, Fred P.	7.50
Bunn, B. B.	3.20	Casey, Co., C. C.	37.35
Burch, Ben.	40.00	Casey, S. J.	201.00
Burch, Philip J.	44.55	Cash, W. H.	48.30
Burch, W. J.	133.75	Cash Grocery Co.	47.55
Burch, W. M.	6.00	Casto, U. S.	18.00
Burch & Co., F. J.	11.00	Casto, William	20.00
Burk, Denus	83.25	Cathers, A. C.	26.25
Burke, Robert	5.00	Caulfield, J. H.	14.50
Burkhalter & Barker	55.50	Cavanaugh, James	54.00
Burks, J. L.	5.50	Caviness & Cawger	10.00
Burnett, John H.	14.50	Caylor, Joe	8.75
Burns-Biggs Lumber Co.	312.68	Cebada, Albino	6.25
Burns, W. H.	123.75	Cecil, A. R.	4.50
Burris, Wesley	100.00	Central Lumber Co.	45.50
Burro Mountain Copper Co.	50.00	Central Meat Market	13.14
Busch, J. T.	3.50	Chabes, Magdaleno	10.00
Bush, A. L.	33.25	Chaffin & Blanche	137.25
Butler, O. M.	22.50	Chalmers, C. D.	6.50
Butterfield, Geo. C.	75.00	Chambers Hardware Co.	65.35
Buzzard, G. W.	47.50	Chanez, Manuel Y.	28.00
Buzzard, Wm.	84.99	Chavez, Decidaro	14.25
Buzzell, W. H.	10.00	Chavez, Policarpio	13.00
Byers, W. P.	57.50	Chase, Lou	9.00
Byrns, Jesse	30.00	Chelan Feed Store	11.34
Cadloni, B.	57.75	Chelan Hardware & Furniture Co.	17.85

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Chelan Jewelry Co. ....	\$3. 60	Corbit, P. C. ....	\$37. 00
Chelan Meat Market. ....	65. 06	Cornett, John. ....	32. 00
Chinn, Ela. ....	51. 00	Cornett Stage and Stable Co. ....	11. 00
Chinn, Geo. W. ....	42. 50	Corns, Frank. ....	50. 00
Chlarson, Hyrum R. ....	160. 68	Cornwall, Ervin. ....	15. 31
Chacon, Juan De los Reys. ....	19. 50	Cosgrove, E. ....	45. 06
Chrisman, Ensley. ....	36. 00	Cothrun, Ernest. ....	65. 00
Chrisman, Francis M. ....	24. 97	Cothrun, W. H. ....	164. 50
Christenson, Ernest. ....	153. 92	Cottan, Charles S. ....	16. 85
Chronister, C. J. ....	611. 85	Cottrell, Geo. E. ....	955. 65
Church, Hyrum T. ....	49. 37	Coulson, D. C. ....	33. 00
Church, H. S. ....	212. 75	Countryman, C. C. ....	78. 00
Churchill, Eugene. ....	47. 50	Courtney, Geo. E. ....	19. 25
Churchill, F. H. ....	91. 25	Cox, Foster. ....	10. 00
City Meat Market. ....	71. 89	Cox, O. P. ....	5. 50
Clack, John H. ....	20. 00	Cox & Son, L. A. ....	13. 75
Claffin, R. N. ....	11. 50	Cox, W. S. ....	13. 00
Clark, C. E. ....	9. 05	Coy, H. G. ....	233. 77
Clark, Edward F. ....	52. 00	Cozard, Roy. ....	63. 75
Clark, Ed. W. ....	175. 84	Crabb, D. D. ....	10. 50
Clark, F. D. ....	165. 50	Crabill & Skinner. ....	20. 95
Clark, Lloyd. ....	22. 50	Craft, S. J. ....	33. 19
Clark, R. E. ....	42. 50	Crafton, C. F. ....	9. 03
Clark, T. S. ....	68. 75	Craig, J. W. ....	27. 50
Clark, Wm. ....	125. 50	Craig, O. C. ....	17. 50
City Stables. ....	17. 00	Cram, A. S. ....	62. 75
Clark & Austin. ....	4. 00	Cramer, O. A. ....	144. 24
Clark & Graham. ....	6. 85	Cramer Bros. ....	40. 90
Clarke, Richard H., sr. ....	10. 00	Cramer, Wm. ....	12. 00
Clatworthy, W. J. ....	45. 00	Crandell, Elbert. ....	85. 00
Clay, Samuel W. ....	200. 00	Crandell, Joseph D. ....	45. 00
Cleaves & Young. ....	5. 50	Crandell, L. S. ....	8. 00
Cleve, B. ....	7. 32	Creamer, Bart. ....	12. 00
Clifford, Ed., sr. ....	60. 51	Creason, Chas. ....	17. 50
Close, Ottie. ....	25. 00	Creason, D. W. ....	25. 00
Closson, Chas. ....	106. 50	Creswell, S. B. ....	25. 00
Cloud Dodge Co. ....	161. 71	Crider, Toby. ....	16. 00
Cloverdale Mercantile Co. ....	61. 32	Crist, Harry. ....	43. 12
Coats, A. B. ....	28. 37	Crocker, Co., H. S. ....	16. 50
Coats & Rowland. ....	14. 10	Crockett, W. Vernon. ....	15. 31
Cochrane, Robt. C. ....	52. 00	Cronin, William. ....	77. 62
Cockreham & Morrell. ....	6. 00	Crooks, Arthur. ....	35. 00
Cody Drug Co. ....	14. 70	Cropp, Silas. ....	5. 00
Cody Trading Co. ....	101. 40	Cross Hardware Co. ....	21. 60
Coe, Vance I. ....	280. 00	Crowley, F. B. ....	104. 10
Coe & Babcock. ....	8. 00	Crowley, J. P. ....	130. 00
Cokon, John. ....	38. 75	Crude Lumber Co. ....	26. 90
Colberg, John. ....	121. 00	Crum, Rex. ....	46. 00
Colburn, Brewer A. ....	47. 91	Cummings, J. W. ....	41. 25
Coleman & Albert. ....	22. 22	Cummings, Mrs. Wm. ....	32. 45
Coleman, M. E. ....	6. 00	Cummings, W. B. ....	18. 00
Collins, Joe. ....	31. 25	Cummings, Frank. ....	54. 50
Colorado Telephone Co. ....	5. 96	Currie, Stephen. ....	43. 00
Colson, John. ....	101. 25	Currier, H. M. B. ....	5. 75
Colwell, A. M. ....	294. 09	Currier, M. C. ....	6. 00
Comings, Chas. H. ....	60. 00	Curtiss, H. B. ....	2. 50
Conconully Furniture & Hardware Co. ....	8. 75	Cutter, C. H. ....	5. 25
Conda, Dick. ....	14. 00	Cuttler, H. S. ....	4. 78
Conger, Willis. ....	124. 80	Dahl, Niles K. ....	15. 15
Conklin, I. M. ....	252. 22	Dale, W. D. ....	28. 35
Conlin, J. W. ....	54. 00	Dalton, David. ....	6. 00
Connelly, Mrs. J. ....	33. 75	Dalton, Heber. ....	73. 03
Conlin Bros. ....	8. 25	Daniels, C. A. ....	82. 00
Connor Co. ....	202. 54	Daniels, Roy. ....	39. 88
Consolidated Wagon and Machine Co. ....	686. 11	Danner, John C. ....	1. 50
Convers Bros. ....	44. 30	Darby, A. E. ....	10. 00
Cook, Warren E. ....	37. 50	Darby, J. T. ....	4. 00
Cooley Co., Geo. M. ....	15. 30	Darby & Mowey. ....	15. 95
Coon, J. W. ....	98. 38	Darrington, Store (Incorporated). ....	45. 25
Cooper, J. W. ....	21. 87	Dart Hardware Co., G. W. ....	438. 45
Cooper, Martin & Co. ....	201. 41	Dastrup, Albert. ....	5. 25
Coors Lumber Co. ....	30. 65	Dastrup, Lorentz. ....	3. 00
Cope, Thomas H. ....	10. 00	Davidson, C. ....	69. 10
Copper City Commercial Co. ....	10. 00	Davidson, James H. ....	45. 00
Corbet & Smythe. ....	500. 00	Davies, A. Ben. ....	78. 75
Corbett Lumber Co., J. Knox. ....	311. 70	Davies, Edward W. ....	42. 00
Corbett, W. J. ....	14. 60	Davis, Ike M. ....	14. 00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Davis, James	\$80.00	Dotta, Angelo	\$15.75
Davis, John E.	3.00	Dougan, Wm.	43.40
Davis, T. L.	2.80	Douglas County Abstract Co.	17.40
Davis, W. G.	4.00	Douglas, Robt.	32.50
Davison, J. M.	107.00	Douglass, George L.	70.16
Dawson, Edward	20.00	Douglass, Stephen A.	10.00
Dawson Lumber Co.	7.25	Dow, Robert H.	1.75
Day, E. H.	12.00	Downey, Hugh	132.50
Day, H. S.	24.00	Downing, Wm.	8.00
Dean, George S.	49.75	Downs, J. B.	48.75
Dean & Brown Merchandise Co.	52.85	Draight, Wm.	20.00
Death, Chas.	33.00	Drake, H. B.	13.80
Dedrick, C. G.	131.25	Driscoll & Co., D.	286.05
De Forest, J. William	38.00	Druckemiller, J. E.	114.19
De Herrera, Benigno	27.00	Dudrow, Chas. W.	91.80
Delaney, T.	7.51	Duhme, A. G.	20.00
Delaney Co., A. J.	194.35	Duncan, A. E.	27.50
Delfonte, Pasquale	18.00	Duncan, C. P.	9.00
Delfonte, Pete	18.00	Duncan, D. W.	7.00
De Lisle, C. E.	1.50	Duncan, G. P.	58.00
Deloney, Chas.	7.75	Duncan, J. L.	42.50
Delray, Fred	20.00	Duncan, J. O.	75.00
Delta Wagon Factory and Foundry	12.00	Dungan, M. C.	130.33
De Mouth's Ark	17.25	Duncan, R. C.	12.50
Denny, D. A.	22.00	Duncan, W. C.	10.00
Denny, D. W.	14.00	Duncan, Warren M.	20.00
Denny-Bar Co.	322.53	Dunham, H. E.	26.20
De Preties, Enrico	22.50	Dunham, J. E.	30.00
Deschamps, Gaspard	77.05	Dunham, Robert	26.75
Devoled, Joe	9.00	Dunlavy, O. O.	24.00
Dewar, Geo. D.	15.00	Dunn, Harry	14.00
Dewell, Scott	49.25	Duquesne Mining and Reduction Co.	194.35
Dewey, George A.	230.32	Duran, Blas	29.17
Dick, Conda	27.00	Duran, Eusebio	98.00
Dickinson, J. P. C.	103.50	Dustin, Bailey O.	16.00
Dickson, Raymond	8.00	Duval & De Troy	18.00
Dieckmann, John C.	9.50	Eagle, The	10.50
Defenderfer & Dinwiddie Co.	26.40	Easley, D. W.	8.62
Dierks Lumber and Coal Co.	296.63	Eaton, Ed.	2.00
Dietz, John	99.50	Edgeworth, Lovell	51.25
Dietzel, George	6.75	Edison Electric Co.	105.12
Dietzgen Co., Eugene	5.20	Egan, E.	40.00
Dillon, A. W.	41.05	Eggert, A. J.	150.00
Dillon, Edward A.	15.31	Ehle, Frank	19.00
Dilts, Wm. A.	4.50	Ehle, James H.	52.50
Dimick, M. S.	89.00	Eisenberg, Charles	52.25
Dirrett, W. H.	13.50	Electric Appliance Co.	47.26
Doffins, John	7.50	Elgin Forwarding Co.	123.31
Dodds, David E.	25.50	Elite Toilet Service Co.	3.00
Dodds, W. E.	5.00	Elkins, Collins W.	9.65
Dodds, W. R.	56.25	Elko Lumber Co.	52.22
Dodge, H. C.	6.00	Eller, E. J.	83.70
Dodge, John	64.00	Ellis-Forde Co.	542.64
Dodge, Seth	64.00	Ellis, William H.	4.75
Doerr-Mitchell Electric Co.	74.02	Ellsworth, Elmer	25.00
Doig, David L.	25.00	Elms & Son, D. L.	25.00
Domingo Lumber Co.	167.11	Ely, J. G.	19.70
Domingo Supply Co.	46.39	Emerick, W. H.	2.50
Domingos, M.	32.35	Emery, G. P.	8.00
Dominion Hotel (Incorporated)	57.70	Emmons, E. F.	20.00
Dominy, W. H.	40.00	Emrick, M.	3.15
Donahoe, Charles J.	8.00	Endner Lumber Co.	248.62
Donahoo, Emmons & Co.	168.73	Englebart, W. M.	113.19
Donegan, E. F.	26.25	English, W. O.	44.00
Donet, Vinant	13.50	Engstrom, Morris	26.76
Doney, Jabez	45.04	Erikson, C. H.	15.00
Donnelly, J. A.	31.95	Erickson, Fred	52.50
Donovan-Hopka-Ninneman Co. (Lim- ited)	36.28	Escalada Bros.	82.08
Dorais, D.	15.85	Escalante Cooperative Co.	33.90
Doren, Sam.	40.00	Evans, Gronway C.	15.31
Doring, Dan	3.00	Evans, W. E.	3.00
Dorr, John	397.80	F. & A. Transfer Co.	6.00
Dorrin, J. E.	33.00	Facez, Jose Fe.	6.00
Dorris, W. J. & P. S.	12.00	Fairbanks, Morse & Co.	48.92
Dorsch, H. G.	107.05	Fairchild, Chas. C.	17.96
Dostal, J. T.	5.25	Faler, Ralph T.	129.00
		Fandango Lumber Co.	130.31

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Farber, Geo.....	\$154.90	Francis, J. H.....	\$60.50
Farley, Harley.....	36.25	Franco-American Hotel.....	36.80
Farley, Rollo.....	53.50	Franev, John.....	96.45
Farra, F. C.....	14.00	Franklin Mercantile Co.....	272.98
Farrell, Chas. E.....	4.50	Franz Lumber Co.....	7.40
Farrell, W. M.....	228.50	Frazier & Barnes.....	3.05
Farris, D. M.....	112.90	Fredrickson, Frank.....	180.00
Fassett, L. L.....	6.15	Fredrickson, Geo. W.....	85.00
Feetham, Geo.....	2.20	Freeland, C. S.....	4.25
Feiereisen, John.....	136.25	Freelove Bros.....	230.12
Feigley, Al. K.....	26.90	Freeman, A. E.....	189.27
Fender, Arthur.....	42.00	Freeman, W. M.....	10.00
Fender, Earl.....	15.00	Freidenrich, Leo.....	14.15
Fender, Lowell.....	33.00	French, H. S.....	3.25
Fender, W. M.....	54.00	French, Warren.....	29.00
Fenwick, Ed.....	46.25	Frey, William R.....	55.00
Fergus, E. O.....	14.00	Frissell, George.....	15.00
Fernando Improvement Co.....	28.58	Fritz, C. P.....	9.50
Ferran, Isidore.....	25.36	Fritz, Willie.....	9.21
Ferrell Lumber Co.....	118.45	Fry, Jacob.....	29.00
Ferris, Charles.....	25.00	Frye, J. C.....	15.00
Ferro Machine and Foundry Co.....	467.10	Fuller, Albert W.....	58.13
Fetterly, Chas.....	25.00	Fuller Drug Co.....	1.75
Fewkes, W. C.....	15.36	Fuller, Frances.....	300.00
Fidelity Lumber Co.....	160.45	Fuller, Maude M.....	17.50
Fiedler, C. A.....	19.00	Fulton, J. J.....	25.87
Fielden, W. C.....	16.50	Funke, A. O.....	9.90
Filion Mill and Lumber Co.....	74.15	Funsten Bros. & Co.....	12.00
Fincher, J. W.....	42.00	Fuqua, F. D.....	5.00
Finding Hardware Co., The C. A.....	58.05	Fuqua, Geo. A.....	13.75
Finlay-Pratt Hardware Co.....	88.33	Furlong, E. O.....	14.85
Fink, Otto W.....	6.00	Gaetzman, Geo. E.....	8.88
Finley, Herbert.....	400.00	Gale & Grinnell Co.....	9.90
Fiscus, W. S.....	4.68	Galen, C.....	72.50
Fisher, James R.....	19.25	Gallagher, R. H.....	3.25
Fisher, J. W.....	1.25	Gallatin Lumber Co.....	28.00
Fisher-Glassford Hardware Co.....	52.08	Gallege, Pedro.....	17.00
Fisher Lumber Co.....	329.98	Gallegos, C. P.....	38.75
Fisk, Chas. E.....	39.00	Gallegos, Domingo.....	45.63
Fisk, W. L.....	17.00	Gallegos, Lucas.....	1.50
Fiske, E. W.....	19.50	Gallegos, Moyses.....	12.83
Fitting, Ray R.....	5.00	Gallegoz, Crescencio.....	8.28
Fitzgerald, A. B.....	24.50	Gallegoz, Filogonio.....	12.64
Fitzgerald, Ed.....	50.00	Gandert, Bonifacio.....	6.00
Fitzgerald, Wm.....	13.13	Garcia, Adan.....	34.50
Fitzbauch, Chas.....	20.00	Garcia, Aurelio.....	20.62
Fitzjarrald, A. B.....	36.88	Garcia, Jose Ignacio.....	45.00
Fitzwilliams, John.....	50.00	Garcia, Jose Y.....	8.00
Flake Bros.....	126.48	Garcia, Mateo.....	27.77
Flanders & Davis.....	203.26	Garcia, Martin.....	20.62
Fleming, D. Carson.....	52.85	Garcia, Reldofe.....	28.31
Fleming Bros.....	267.34	Gardiner Mill Co.....	91.41
Flemming, W. S.....	6.15	Gardino, Ben.....	4.75
Fletcher, Ernest R.....	14.00	Gardner, Albert.....	12.00
Flewelling, A. L.....	21.99	Gardner, George.....	47.00
Flewelling, Mrs. John.....	17.50	Gardner, John A.....	92.65
Flint-Lynn Lumber Co.....	101.55	Gardner, Robt. K.....	82.50
Floorman, Hugo.....	2.50	Gardner, Royal J.....	10.50
Florissant Mercantile Co.....	17.29	Gardner, Wm.....	3.00
Flournoy, H. C.....	5.99	Gareck, T. V.....	21.45
Flowers, T. W.....	94.50	Garfield Exchange.....	24.88
Fogg & Jacobs.....	37.06	Garfield Co. Telephone Co.....	76.00
Follett, Wesley.....	48.00	Garley, Manuel.....	21.25
Follows, Ralph M.....	4.50	Garlock, T. V.....	7.75
Foot Mercantile Co., E.....	9.45	Garner, Ed.....	14.00
Force & Rogers.....	19.00	Garnett, E. W.....	156.00
Ford, J. B.....	93.75	Garoutte, W. M.....	64.00
Foreman, Dan M.....	98.82	Garrant, Chas.....	120.00
Fort Collins Hardware Co.....	166.50	Garrett, E. H.....	7.35
Fort Smith Electrical Supply Co.....	15.00	Garrett, Geo. K.....	3.00
Foster, Albin.....	48.00	Garrett, John.....	3.00
Foster, James J.....	12.00	Garrett, William X.....	36.35
Fournelle & Newlander.....	17.50	Garrison, Clarence.....	150.00
Fowler, L. D.....	13.25	Garvey, John.....	140.00
Fox, Geo. J.....	64.00	Gates, Frank F.....	3.25
Fox & Waide.....	9.50	Gearhart, George.....	55.00
Francis, Joseph.....	10.00	Geddes, James.....	85.12

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Geer, Ira C.	\$17.00	Green, Mrs. Alonzo	\$78.32
Gehring, F. J.	161.50	Green, James	27.50
Geib, George	8.30	Greenlaw Lumber Co.	77.00
Germain Seed and Plant Co.	24.00	Greer, Chester A.	136.75
Gerweln, H.	61.15	Greig, Stanley	21.37
Gibbel, I. B.	20.97	Gribble, W. S.	1.25
Gibbins, Joseph A.	90.50	Grider, Richard L.	21.00
Gibbs, Co., J. L.	5.70	Grider, Toby	11.25
Gibson, C. E.	35.40	Griego, Francisco	16.25
Gibson, C. G.	5.75	Griffin, Charles O., jr.	11.35
Gibson, W. H.	44.00	Griffin, James L.	6.25
Glem, John W.	400.00	Griffin Hardware Co.	5.00
Gieselmann, S.	37.50	Griffith, Howard	38.75
Gifford, Geo. H.	46.75	Griffith Lumber Co.	9.57
Gilbert, Paul	100.00	Griggs, S. L.	6.00
Gilchrist & Dawson	2.50	Griggs Stationery and Printing Co.	3.80
Giles, F. S.	10.00	Gross, Kelly & Co.	29.19
Giles Lumber and Shingle Co.	12.32	Grover, J. G.	85.00
Gilkey, Sylvester	18.75	Groves Lumber Co.	555.74
Gill, J. B.	128.30	Growden, E. B.	50.00
Gill Co., J. K.	8.00	Grubb, J. Frank	40.50
Gill Lumber Co., J. B.	156.23	Guinn, L. B.	4.00
Gilliam, T. J.	101.50	Guinn, Wm.	74.75
Gillies Mill and Manufacturing Co.	5.00	Guire, J. M.	12.09
Glenn & Nelson	53.00	Gunnison Hardware Co.	461.84
Girard, James W.	70.00	Gunther, Albert	11.37
Giron, Gaspar	9.25	Gurley, J. M.	86.09
Giron, J. D.	1.75	Gurule, Anicete	32.50
Glazier & Co.	6.55	Gurule, Everisto	1.75
Glidden Mercantile Co.	4.75	Guscetti, Pietre	10.20
Globe Hardware Co.	1.10	Gutierrez, Valentine	45.00
Globe Wholesale Meat Co.	7.15	Haakanson, Cornelius	19.39
Goddard, W. P.	13.47	Haas Hardware and Implement Co., Herman	80.09
Goetze & Co.	22.55	Hackman, A. D.	10.50
Goff, James	10.00	Hadley, A. I.	10.00
Gonzales, Celestria	10.00	Hadley, Ellis F.	146.00
Gonzales, P. A.	8.00	Hafley, F. H.	9.78
Gonzalez, Ramon	20.91	Hageman, Mrs. J. A.	66.67
Gonzales, Santiago	174.65	Hager, Swan	98.46
Gonzales, Toribio	6.00	Haight, James D.	8.33
Good, E. M.	32.00	Hailstone, John T.	11.05
Goodale, Gus G.	15.50	Halbert and Webber Hardware Co.	27.30
Goodman, George	48.98	Hale, F. T.	16.98
Goodrow-Webber Mercantile Co.	22.06	Hall, Clarence	7.87
Goody, Fenn L.	21.08	Hall, C. L.	30.00
Gordon, David	37.50	Hall, C. S.	13.12
Gordon, Geo. L.	26.00	Hall, David V.	120.00
Gordon, Granville J.	23.70	Hall, Mrs. Harry C.	1.24
Gordon & Fisher	10.00	Hall, William I.	17.50
Gordon, Norman P.	4.50	Hall & Shumway	3.25
Gould, S. L.	89.00	Halverson, Andrew	2.50
Gowanlock, John A.	115.20	Ham, J.	15.93
Graham, Elton	162.12	Hamblen, Floyd L.	9.50
Graham, E. H.	2.50	Hamblin, W. O.	27.90
Graham, F. R.	21.90	Hamilton Drug Co.	4.50
Graham, M. J.	180.00	Hamilton, E. R.	11.75
Grand Mesa Lumber Co.	145.54	Hammond, J. A.	16.50
Grand Rapids Furniture House	1.86	Hammond, J. M.	119.75
Grant, Charles	2.50	Hammond, L. E.	15.31
Grant, F. H.	4.00	Hammond & Harrington	22.63
Grant County Telephone Co.	16.83	Hand, C.	18.04
Grantam, E. B.	71.25	Hanley, Preston	4.20
Grants Pass Hardware Co.	16.80	Hanley, W. F.	34.89
Grass, Jesse L.	5.00	Hannah, Frederick W.	23.33
Graves, Geo. C.	14.00	Hanni, Wm.	39.88
Graves, Noel E.	45.00	Hansen, John	12.50
Graves, R. C.	12.50	Hansen, Mrs. John	18.00
Graves, S.	12.50	Hansen, Michael	11.88
Graves Mercantile Co.	61.89	Hansen, Niels	15.00
Gray, Harry	18.00	Hansen, P.	155.46
Gray, L.	13.50	Hanson, Axel	115.50
Gray, Robt. B.	42.50	Hanson, Claude A.	41.25
Gray, Thomas L.	33.46	Hanson, Marius	168.00
Gray & Co. (Limited), Geo. R.	4.65	Hanshaw, Thos.	12.00
Great Falls Leader	7.00	Hardenburgh, Geo.	11.15
Great Falls Lumber Co.	200.97	Hardin, R. W.	107.50
Green, Alonzo	80.00		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriations  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Harding, J.....	\$109.12	Hendricks, P. C.....	\$15.00
Harding, J. A.....	27.50	Hendrie & Bolthoff Manufacturing	
Hardy Furniture Co.....	33.80	and Supply Co.....	13.93
Hardy, George W.....	15.00	Henley, Geo. J.....	81.25
Hardy, G. R.....	1.26	Henry, Denny E.....	73.50
Hardy, James F.....	500.00	Henry, L. B.....	518.61
Harney, A. O.....	8.30	Hensley, Geo. H.....	21.00
Harold, E. C.....	44.50	Hensley, James T.....	41.25
Harold, W. E.....	18.00	Hensley, Wm. T.....	8.00
Harper & Reynolds Co.....	282.50	Heppner Times.....	8.00
Harrington, Louis C.....	5.00	Herald, Ed.....	20.00
Harris Bros.....	41.75	Herring, Charlie.....	64.63
Harris, Frank.....	68.75	Herrmann, Chas.....	30.25
Harris, J. V.....	65.00	Heumann, Julius.....	70.00
Harris, John C.....	132.75	Hewit, Ed.....	21.25
Harris, Oliver.....	42.00	Hibbard, Earl & Newell.....	23.75
Harrison, Gust.....	2.00	Higby Mercantile Co.....	101.42
Harrison, J. W.....	8.12	Higgins, D. N.....	2.50
Harrison, K. W.....	1.00	Higgins, Francis E.....	17.50
Harrow, Charles W.....	35.00	Higgins, John M.....	12.50
Harrow, John.....	28.75	Higgins, S. J.....	51.45
Hart, Charles P.....	20.00	Higgins, William.....	135.85
Hartley & Goodge.....	82.97	High, Rolle.....	90.50
Hartman, Guy.....	14.00	Hight, Bert.....	6.25
Hartman, J. L.....	144.00	Hight, Marcus.....	20.65
Hartman, Walter.....	57.00	Highway Construction Co.....	2,993.13
Hartman, William M.....	31.00	Higley, O. L.....	70.00
Harton, H. J.....	4.25	Hill, C. M.....	4.10
Hartung-Larson Hardware Co.....	22.91	Hill, D. D.....	65.00
Harvey, W. J.....	240.80	Hilliard, Austin.....	4.00
Hasbrouck, M. L.....	20.00	Hilliard, Claude.....	43.75
Haskell, D. E.....	15.31	Hilligoss, Ralph A.....	5.00
Hasselstrom, Frank.....	5.00	Hilman, J. W.....	16.00
Hastings, George.....	12.50	Hilts, Herbert.....	20.00
Hatch & Co., A.....	1.60	Hilts, E. J.....	189.26
Hatcher, C. H.....	91.25	Hirshberg & Co., Joseph.....	2.00
Hatcher Hardware Co.....	8.50	Hislop, Thos.....	27.00
Hathaway, Elmer E.....	26.45	Hjort, Mrs. C. K.....	105.50
Hathaway & Wilson.....	32.70	Hobbs, J. C.....	57.50
Hattery, Silas E.....	64.50	Hobbs, Parsons Co.....	33.45
Haught, J. H.....	43.45	Hobron, S. D.....	10.97
Haught, T. P.....	17.50	Hockett, Ben F.....	84.72
Hauley, W. F.....	16.70	Hoegee, A.....	30.50
Hawey, J. W.....	16.50	Hoehn, Theodore.....	192.50
Hawes, W. V.....	52.50	Holt, P. J.....	45.30
Hawkins, C. A.....	8.50	Hoffman, A. M.....	36.00
Hawley, A. J.....	22.50	Hoffman, Henry.....	12.66
Hawley, King & Co.....	17.05	Hoffman & Reedy.....	10.00
Hawley & Tuttle.....	4.00	Hogarth Bros.....	42.50
Haycock, John.....	16.50	Hoge, Ray D.....	16.00
Hayden, Edward.....	49.50	Holbrook, William.....	7.50
Hayes, Fred.....	13.00	Holbrook Drug Co.....	9.25
Hays, Frank.....	24.00	Holbrook & Hanson.....	19.40
Head, E. A.....	65.65	Holcomb, Jeff.....	13.75
Head Lumber Co.....	62.64	Hole, Morrice.....	22.00
Head, C. A.....	6.00	Holland-Horr Mill Co.....	30.00
Hearst Mercantile Co.....	49.00	Holland, Lawrence.....	2.02
Hebert, Charles.....	12.37	Holliday Co., W. H.....	17.09
Hebert, J. C.....	10.12	Holloway, G. F.....	51.25
Hebert, William.....	23.37	Holloway, Lee.....	5.50
Hedding, C. E.....	8.75	Holt, Lewis.....	12.50
Hedrick, Frank.....	7.50	Holt, L. M.....	96.25
Heller, E. A.....	122.25	Holter Hardware Co., A. M.....	57.65
Helena Hardware Co.....	20.30	Holtzlander, J. E.....	41.08
Helena Saddlery and Tent Co.....	15.00	Honeyman Hardware Co.....	233.06
Heller, A. J.....	16.60	Honk, W. E.....	32.96
Heller, Marie.....	27.00	Honnold, Geo. W.....	51.25
Heller, Mrs. M.....	18.00	Hoobing, Michel.....	39.00
Helvey, R. T.....	35.00	Hood, Ben.....	6.00
Hemenway, O. E.....	48.62	Hook, A. R.....	36.50
Hemet Livery Stables.....	13.00	Hooker, Ralph.....	24.00
Hennings, Mable F.....	39.00	Hoopingarnier, J. L.....	16.25
Henderson, B. F.....	14.00	Hoover Lumber Co.....	6.55
Henderson, Geo.....	53.63	Hope Lumber Manufacturing Co.....	306.91
Henderson, H. G.....	12.00	Hopt & Redmond.....	2.80
Henderson, L. T.....	75.00	Hopkins, D. J.....	5.00
Hendricks, Amos.....	2.50	Hopkins, Joseph J.....	10.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,263,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Hopping, Guy.....	\$18.00	Jamison, George.....	\$15.00
Horn Mercantile Co.....	142.57	Jaramillo, Romon.....	1.75
Horton, C. M.....	1.00	Jarvis, Elmer.....	64.00
Horton, Earl M.....	2.00	Jay, Wm.....	7.50
Hornsby & Gilbert.....	49.45	Jefferson, Thos.....	10.00
Hornung, Paul.....	28.50	Jeffreys, Al.....	500.00
Hoseley, L. L.....	12.00	Jenkins, B. M.....	5.50
Hoskins, Bert.....	105.00	Jenness, Thomas.....	300.00
Hotel, Grand.....	41.25	Jensen & Bro., Gus.....	40.28
Houk, W. E.....	105.99	Jensen, James C.....	95.00
Houston Lumber Co.....	297.50	Jensen, Thomas P.....	125.88
Hover & Co., W. A.....	46.64	Jensen, Saren C.....	45.67
Howard, L. W.....	10.06	Jeppesen, Hyrum.....	39.00
Howard, R.....	8.70	Jepson, John.....	30.37
Howell, C. E.....	175.09	Jergins, W. E.....	122.05
Howell, Sam J.....	46.00	Jewell, James E.....	37.50
Howser, W. G.....	6.67	Johns, Bert.....	10.00
Hoy, W. H.....	18.75	Johns, Henry, jr.....	282.50
Hudelson, Johnson & Co.....	30.60	Johns, Henry, sr.....	51.00
Hudson, Herbert C.....	30.00	Johnson, A.....	31.81
Hudson & Cornelius.....	19.93	Johnson, Albert.....	15.50
Hudson Land Co.....	4.00	Johnson, Alfred.....	19.39
Huey, A. S.....	3.40	Johnson, C. J.....	21.37
Huff, Calvin H.....	36.60	Johnson, Evelyn.....	66.00
Huff, Edward C.....	54.00	Johnson, G. G.....	93.75
Huffman, Oscar W.....	30.00	Johnson, G. W.....	4.00
Hughes, J. E.....	11.75	Johnson, H.....	9.00
Hughes, J. P.....	30.27	Johnson, H. S.....	33.50
Hughes, Wm. J.....	7.50	Johnson, John.....	32.50
Hull, Gilbert & Allan, R. E.....	1,000.00	Johnson, J. A.....	20.00
Hume, Bennett Lumber Co.....	11.15	Johnson, N. M.....	51.87
Hume & Co., Ira.....	11.60	Johnson, Olaf.....	63.25
Humphreys, Fred A.....	75.00	Johnson, Reuben.....	5.00
Humphreys, C. E.....	38.50	Johnston, C. S.....	85.00
Hunsaker, L. D.....	6.25	Johnston, David.....	162.00
Hunt, Robert.....	2.00	Joice, E. P.....	11.00
Hunt & Co., F. F.....	91.16	Jones, Archie Z.....	12.00
Hunt & Mottet Co.....	20.76	Jones, E. S.....	6.00
Hurn, Geo. R.....	52.50	Jones, Mrs. Robert.....	30.00
Hurst, A. J.....	123.51	Jones, Thomas.....	2.00
Huston, H. L.....	58.50	Jones, W. S.....	39.00
Huston, Joseph.....	137.50	Jordan, Zach.....	14.00
Hutchison, John.....	72.50	Jorgensen, Nels.....	13.88
Hutton, Homer F.....	46.60	Judd, Orin.....	49.37
Hutzel, J. N.....	32.50	Judd, Wm.....	125.00
Hyde, Patrick.....	65.00	Jex Lumber Co.....	47.44
Hyland Bros.....	75.73	Jackson Mercantile Co.....	354.00
Idaho Hardware and Plumbing Co. (Limited).....	63.95	Johnson Hardware Co.....	1.00
Idaho Lumber Co.....	49.95	Johnson & Ream.....	32.20
Ikeler, H. B.....	90.00	Jones, McGowen Mercantile Co.....	55.00
Ilfeld Co., Chas.....	37.07	Kambick, Joe.....	48.00
Iliff, Ben B.....	20.00	Kamm, J. F.....	13.80
Imlah, David.....	10.00	Kandutsch, Frank.....	63.00
Imlah, Elex.....	25.00	Kandutsch, Jacob.....	33.00
Imlah, James.....	10.00	Kane, Chas.....	6.25
Independent Hardware and Lumber Co.....	11.70	Karst, Peter.....	2.25
Indian Valley Mercantile Co.....	47.93	Kaufman Bros.....	117.10
Inter Lake, The.....	9.00	Keating, Clarence P.....	315.00
Inyo Store.....	9.65	Keating, Gust.....	15.00
Iowa Lumber Co.....	14.40	Keaton, Geo. D.....	15.31
Iredale, Garfield.....	43.13	Keck, A. G.....	8.70
Irwin, R. C.....	82.29	Keeney, Joe.....	10.50
Isdell Mercantile Co.....	143.24	Keller, Heber.....	15.00
Ivie, Allen S.....	5.00	Keller, J. A.....	3.25
Ivie, Horace.....	55.56	Keller, J. F.....	3.25
Ivie, Ray.....	5.00	Keller, W. E.....	7.50
Jackman, Herman.....	37.12	Kelly, Alfred.....	53.56
Jackson, Arville.....	10.50	Kelly, Anna L.....	2.50
Jackson, Clarence W.....	197.50	Kelly, Charles B.....	5.50
Jackson, John.....	35.75	Kelly, Pat.....	46.55
Jackstic, Joseph.....	64.00	Kelly, Walter.....	26.12
Jacobson, Geo. P.....	55.00	Kelly, W. L.....	31.62
Jacques, Thos. E.....	59.34	Kelsey, Geo. A.....	22.50
Jakways, Chas. A.....	7.73	Kelsey, J. A.....	10.00
Jameson, Ernest.....	42.50	Kelso, J. H.....	8.00
		Keltie, F. P.....	7.50
		Keltie, J. A.....	39.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Kemp, A. M.	\$4.75	Lane, Geo. B.	\$40.00
Kempnick, Abraham	121.88	Lane, Jeremiah	4.90
Kenck, A. F.	7.00	Langworthy, James N.	18.00
Kendall, Irwin E.	30.00	Laning, R.	33.75
Kendall, Ivan	43.67	Lansberry, F. C.	56.85
Kennady, Andrew J.	65.00	Lansberry, F. E.	37.50
Kennedy, Glen	58.00	Lapierre, Fred	2.75
Kent, Ralph A.	40.00	Lapierre, G.	42.00
Kerby, Wm.	48.75	Larsen, Julius	350.00
Kerlee, W. A.	5.00	Larsen, Peter	25.00
Kerwin, John	8.35	Larson, O. B.	3.00
Ketcham, J. F.	6.00	Larson, Louis	30.75
Kienitz, Henry	22.00	Lathrop, Herbert	18.15
Killen, G. M.	3.75	Lawrence, Oslas	197.50
Killea, M. F.	77.00	Lawrence, S. J.	33.00
Killea, W. M.	78.37	Lawson, Henry	72.50
Killen, W. H.	221.75	Lawson, James	137.25
Kimberlan, Chas.	72.50	Layton, Roy	88.75
Kimsey, O. E.	19.50	Leach, E. V.	15.00
Kindt Bros.	54.40	League, J. M.	22.35
Kinevan, Patrick	38.00	Leavitt, Scott	6.00
King, Chas. Walter	18.00	Leboda, Necacio	8.28
King & Son, Geo. W.	3.97	Ledford, Geo. R.	8.75
King, J. B.	36.50	LeDuc, Chas.	2.75
King, John	93.87	Lee, C. J.	27.14
King, J. H.	17.87	Lee, Elmer	25.00
King, Otto	12.50	Lee, Wm.	17.32
King, W. F.	252.45	Leehey, Morris J.	60.00
Kinnibrough, J. H.	135.00	Leeper, Jack	2.00
Kirchner, John	15.00	Leeper, Joe	2.50
Kirk, David	10.20	Leese, K. M.	16.00
Kleaver, John	13.00	Legg, B. D.	20.00
Kleaver, William	40.00	Leggett, C.	36.00
Klingbell, F. H.	23.75	Leggett, R.	37.00
Knapp, B. F.	7.25	Lehmann, Frederick	47.00
Kneff, Hugo E.	62.50	Lemire, Charles	37.50
Knight, C. L.	15.50	Lemon, E. H.	6.00
Knox, Chas. J.	66.87	Lent, Smith	4.75
Knudsen, Hans	63.25	Lester, Albert	11.88
Knudsen, Victor	42.00	LeValley, P. C.	20.00
Knudsen, Walter	60.00	Lewis, A. E.	97.50
Koch, Harry G.	357.33	Lewis, C. W.	18.00
Kofenis, James	2.50	Lewis, J. E.	21.12
Konrad, Phil	30.00	Lewis, John	6.00
Kooskia Mercantile Co.	7.60	Lewis, W. E.	19.55
Kramer, J. B.	7.40	Lewtz, J. W.	22.50
Kremmling, R.	38.80	Leyba, Alexandre	4.75
Krohm, H. A.	24.35	Lichty, Bertha E.	24.00
Krueger, Edward	26.00	Light, Jesse	50.00
Krueger, Theodore	80.00	Lightfoot, Elmer	53.00
Kubler, Frank	38.75	Lightner, Curtis	31.50
Kuehn Bros.	12.80	Little, Ed. W.	51.87
Kunz, F.	10.30	Little, S. S.	4.80
Kurz & McGrew	18.95	Lloyd, E. F.	10.50
Kalispell Lumber Co.	110.00	Lockary, John	120.37
Kane & Wildenstein	18.85	Lockwood, Tim	12.00
Keller, Miller & Co.	83.00	Logan, Allison	20.00
Kelly & Patterson	14.05	Logan, M.	2.75
Kemp Lumber Co.	41.10	Lonquist, H.	34.45
Kendrick Book and Stationery Co.	3.15	Look, Bon I.	64.65
Kenyon-Noble Lumber Co.	277.65	Loomis, N. T.	56.80
Kerkhoff-Cuzner Mill and Lumber Co	4.45	Lopez, Rafael	73.00
Keuffel & Esser Co.	17.30	Lopez, Salathiel D.	2.00
Kight-Hall Hardware Co.	57.90	Lorde, W. H.	12.50
Kilpatrick Bros. Co.	6.10	Lorey, Chas. G.	2.00
Krakrauer, Zork & Moyer	1,186.12	Love, Mrs. Della	11.35
Kremmling Lumber Co.	293.66	Lowell, Henry	60.00
Kutner & Co.	84.15	Lowrie, Houston	35.00
Kutner, Goldstein Co.	121.04	Lozier, Irvin M.	79.92
Lachlan, D. H.	57.00	Lubken, Mrs. A. M.	8.00
La Fond, August	21.00	Lubken, J. H.	24.00
Lakin, David R.	18.00	Luce, Henry A.	5.00
Lamb, Charles	50.00	Ludlow, Edward A.	55.00
Lamb, Ed	36.70	Lufkin, Chas.	8.25
Lammers, B. J.	350.00	Lufkin, Emery	29.17
Lane, A. A.	10.00	Lujan, A. D.	6.00
Lane, Eastman	75.00	Lujan, Carlos	37.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Lujan, Eliseo.....	\$121.00	McGie, George.....	\$49.50
Lujan, Narciso.....	13.50	McGonagill, Saml. H.....	84.00
Lumsden, David A. M.....	55.50	McGowan Commercial Co.....	425.91
Lumsden, Geo. F.....	144.37	McGraw, Joe.....	95.20
Lumsden, James J., jr.....	158.12	McGuffey, A. J.....	12.10
Lyman, T. K.....	10.20	McGuinness, Henry.....	84.37
Lynch, Owen.....	6.00	McGuire, William L.....	19.12
Lynn, Alma.....	72.50	McInroy, Joseph.....	875.35
Lynn, Arthur.....	154.00	McIver, John.....	16.50
Lynn, Kinneth.....	114.62	McKarghan, E.....	6.00
Lynn, Ross.....	77.50	McKee, Silas L.....	12.00
Lyon, Frank B.....	57.58	McKeil, Jeff.....	3.00
Lyons, Samuel H.....	63.75	McKenzie, Roy.....	32.00
Lajennesse & Co., D.....	14.20	McKinnon, Alex.....	111.25
Lake Chelan Box Factory.....	65.89	McKirahan, A.....	14.37
Lake City Hardware Co. (Limited).....	7.00	McLachlan, D. H.....	8.00
Lake County Telegraph and Tele- phone Co.....	15.00	McLaren, George.....	178.25
Lakeview Meat Market.....	101.18	McLean, A. H.....	8.50
Lakeview Mercantile Co.....	495.68	McLean, C. R.....	4.25
Laramie Grocery Co.....	31.05	McLendon, Alex.....	25.00
Largey Lumber Co.....	722.58	McMillan, Jas.....	20.10
Lauer & Sons, F.....	70.27	McLeod, Wm.....	15.75
Lawton Hardware Co.....	9.50	McNair, Lew.....	58.50
Leadville Hardware Co.....	3.72	McNanney, M. W.....	159.50
Leavenworth Mercantile Co.....	2.37	McNee, Robt.....	22.00
Lennon Drug Co.....	11.00	McNeal, F. J.....	22.50
Lesinsky Co., H.....	26.65	McNish, J.....	17.00
Lincoln Tent and Awning Co.....	8.80	McPherron, W. A.....	54.50
Lindsay Bros.....	46.28	McPherson, Shelton I.....	8.75
Livingston Lumber Co.....	19.80	McQuarrie, E. D.....	69.91
Logue & Bro., F. S.....	3.00	McQuarrie, H. A.....	4.80
Long & Endsley.....	5.42	McQuig, Alex M.....	52.50
Long Distance Telephone Manufactur- ing Co.....	92.80	McRorie, Thomas.....	143.01
Loomis, Shafer & Moses.....	6.80	McTrujillo.....	25.25
Losey & Dexter.....	95.35	McVine, N. K.....	8.00
Lost River Commercial Co.....	52.53	McWherter, Nate.....	12.00
Lowry & Shaw.....	20.80	McWherter, Wm.....	13.00
Ludford & Haskell.....	6.00	Maddock, C. B.....	9.50
Lutty Bros.....	22.00	Maddison, J. M.....	12.35
Luttge Bros.....	7.50	Madigan, Thomas.....	80.00
Lysons Hardware Co.....	20.70	Madison, James R., jr.....	2.25
Lyman & Son, T. K.....	10.50	Magee, Chas.....	40.00
Lyon & Garrett.....	72.54	Magone, Daniel.....	6.00
MacGlashan, C. P.....	48.50	Magone, Pat.....	81.00
Maek, C. M.....	32.45	Mahuke, Henry.....	63.67
Maekay, Wm.....	15.95	Mallison, Ed.....	12.00
Mackin, James.....	17.50	Manhart, H. J.....	22.25
McAfee, Lewis D.....	5.00	Manter, H. W.....	68.41
McAllister, Dellos R.....	66.00	Manter, Sarah J.....	1.00
McAllister, James A.....	9.65	Marfin, Urbano.....	13.55
McAllister, J. R.....	27.50	Margerum, Wm.....	10.00
McAnally, K.....	300.00	Markhan, A. W.....	50.00
McBride, W.....	9.00	Marlatt, F. M.....	50.00
McBurney House.....	5.00	Marsh, George.....	116.25
McCalman, M. E.....	20.00	Marshall, H. E.....	32.40
McCardle, W., jr.....	22.00	Martin, A. D.....	175.00
McCardle, W.....	27.50	Martin, Ben P.....	25.00
McCarley, W.....	62.50	Martin, E. G.....	104.00
McCarty, D. O.....	33.00	Martin, Francisco J.....	8.75
McCay, H. B.....	121.81	Martin, Jim.....	20.00
McClaine, Ed.....	14.00	Martin, Perry.....	5.60
McClure, E. A.....	58.00	Martin, R. E.....	8.00
McComis, Wm.....	2.75	Martinez, A. J.....	154.75
McCullock, E. H.....	52.50	Martinez, Adelaydo.....	1.75
McCutcheon, Philip.....	26.12	Martinez, Adolpho.....	1.75
McDaniels, Wm.....	89.09	Martinez, Alberto.....	86.00
McDermott, Charles F.....	28.75	Martinez, Benj.....	30.00
McDermott, Wm.....	55.00	Martinez, Donaciano.....	131.00
McDonald, Alexander O.....	10.00	Martinez, Felipe.....	12.77
McDonald, Glenn F.....	45.00	Martinez, Henrices.....	26.00
McDonald, Jos.....	27.50	Martinez, Lorenzo.....	134.00
McDonald, Mart.....	7.40	Martinez, Juan E.....	1.75
McElroy, Chas.....	24.00	Martinez, Juan F.....	25.25
McFadden, Geo. N.....	7.50	Martinez, Onesimo.....	15.50
McGee, B. R.....	2.00	Martinez, Salustriano.....	1.75
		Martinez, Santos.....	10.00
		Martinez, Tomas.....	2.40

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,263,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Martinez, John.....	\$12.00	Morris, G. E.....	\$25.50
Mason, Frank.....	4.00	Morris, H. S.....	123.75
Mathias, Roland D.....	10.00	Morris, James E.....	93.50
Matlock, Clyde.....	10.50	Morris, J. F.....	34.00
Matteson, Carl A.....	5.00	Morris, J. O.....	21.50
Matteson, W. L.....	5.00	Morris, Paul.....	94.82
Matthews, L. L.....	44.00	Morris, Wm. D.....	45.00
Mattox, C. D.....	32.50	Morrisey, P.....	63.75
Maypin, John.....	25.00	Mortimore, E. E.....	25.00
Maxson, C. N.....	132.75	Mosback, Peder & Pete Eike.....	70.00
Maxwell, Mark O.....	12.00	Mosteller, J. O.....	113.25
May, Granvil S.....	2.25	Mott, Carl C.....	11.00
Mayer, D.....	18.30	Mullen, Lee.....	17.50
Mayerum, Wm.....	8.00	Mullen, L. G.....	21.00
Means, J. R.....	121.23	Mullenbrink, W. F.....	46.25
Medina, Edumenio.....	7.50	Mullenbrink, W. M.....	27.50
Meeker, D. W.....	60.00	Mullin, C. K.....	10.00
Meentzen, Henry.....	112.00	Murphy, John.....	26.25
Meier, Martin.....	47.43	Murphy, J. W.....	65.00
Mendenhall, A. J.....	130.00	Murray, Martin A.....	27.00
Mendenhall, R. P.....	33.25	Myers, H. C.....	49.50
Mendenhall, Wm.....	218.00	MacCallum & Cloutier Mercantile Co.....	21.78
Mendez, Rafael.....	36.32	MacGregor Bros.....	7.00
Mendoza, J.....	23.10	MacKay Lumber Co. (Limited).....	21.71
Mentz, Wilko.....	11.95	McAllister Lumber and Supply Co.....	10.00
Mero, R. C.....	141.25	McCloud River Lumber Co.....	2.81
Merrill, Dan.....	46.25	McCormick-Saeltzer Co.....	152.89
Merrill, J. M.....	43.12	McCoy & Co., W. M.....	120.84
Mestos, Clemente.....	15.33	McGowan Bros. Hardware Co.....	91.51
Metsker, Roy.....	24.00	McIntosh Hardware Co.....	4.60
Metzech, Albert.....	65.81	McKay & Carmichael Mercantile Co.....	56.41
Meyers, C. W.....	5.85	McKillican & Mobley.....	26.11
Michael, Roe.....	30.00	McLaughlin Tie and Timber Co.....	272.48
Michand, Albert.....	55.00	McKnight & Co., J. M.....	34.23
Michand, Frank W.....	52.50	McPhee & McGinnity Lumber Co.....	96.08
Middleton, Lee.....	77.50	McRae Lumber Co.....	101.00
Midgley, George.....	8.50	Madary's Planing Mill.....	107.85
Mikesell, E. A.....	15.00	Maddux Bros.....	23.25
Millard, E. N.....	140.00	Madera Sugar Pine Co.....	13.15
Miller, Bert.....	82.50	Madsen Hardware and Fur. Co.....	169.81
Miller, Chas.....	1.00	Marblemount Mercantile Co.....	147.85
Miller, Claude.....	2.00	Mashell Coal and Coke Co.....	3.95
Miller, E. S.....	4.50	Matthews & Wamsley.....	13.45
Miller, George.....	80.00	May Bros.....	23.04
Miller, Gust.....	20.00	Meadows Mercantile Co.....	44.00
Miller, Ralph.....	64.00	Medford Sash and Door Co.....	12.00
Miller, Wm. F.....	42.00	Meeteetse Mercantile Co.....	182.93
Milligan, Wm.....	167.62	Meinig Bros.....	12.00
Minchey, Benj.....	5.50	Mergenthaler & Son.....	35.15
Minchey, Mrs. Benjamin.....	5.25	Mershon & Morley Co.....	359.70
Minchey, William.....	23.75	Methow Trading Co.....	792.39
Missoula Mercantile Co.....	1,227.24	Metropolitan Meat Market.....	11.00
Mitchell, Geo. S.....	36.36	Middleton & Campbell Bros.....	15.25
Mitchell, U. G.....	22.50	Miles & Co., A. W.....	159.60
Moffett, W. H.....	3.75	Miller & Salle.....	228.97
Mohboub, P.....	25.80	Mine and Smelter Supply Co.....	53.82
Mondragon, Juan Anatonio.....	30.00	Mitchell & Co., Thos. J.....	17.05
Monsoy, Albert.....	11.25	Modoc County Cooperative Association.....	32.79
Monte Vista Journal.....	1.75	Monnett & Hamilton.....	7.70
Montoya, M. E.....	12.00	Montana Anchor Fence Co.....	32.95
Montoya, Urzulo.....	19.25	Montana Electric Co.....	69.22
Moody, Arthur E.....	53.00	Montana and Idaho Stage and Ford Co.....	25.00
Mook, Robert R.....	57.50	Montana Lumber Co.....	55.30
Moore, Chas. E.....	5.50	Montana Trading Co.....	212.33
Moore, G. W.....	47.76	Monte Vista Meat Market.....	7.45
Moore, J. R.....	42.00	Montezuma Lumber Co.....	340.73
Moore, W. M.....	33.75	Montgomery Ward & Co.....	5.90
Moore, Wm.....	395.00	Monticello Milling Co.....	68.00
Mora, Filomeno.....	13.45	Moore Co., The.....	20.05
Moran, Al.....	14.00	Morrison, Merrill & Co.....	130.00
Morant, Max.....	23.75	Morse Hardware Co.....	37.00
Morehead & Lunn.....	28.65	Mountainair Lumber Co.....	199.80
Morfin, Jose E.....	11.16	Mount Graham Lumber Co.....	183.76
Morgan, J. S.....	9.50	Murray Lumber Co.....	19.23
Morrell, I. N.....	18.00	Murray Bros.....	39.45
Morris, E. D.....	41.25	Murray Hardware Co.....	3.25
Morris, Fields J.....	73.00	Murray & Jenkins.....	266.12

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Myers Hardware and Saddlery Co. ....	\$175. 00	Paddock, James F. ....	\$51. 00
Nagel, J. G. ....	1. 33	Pader, Carlos. ....	15. 00
Nail, Charles. ....	63. 24	Pajilla, Conrado. ....	7. 50
Neal, Riley. ....	9. 75	Page, J. W. ....	12. 40
Nehrmeyer, E. J. ....	32. 50	Pagella, Louis. ....	45. 00
Neilson, Hyrum. ....	243. 97	Painter, M. M. ....	5. 00
Neira, Ebaristo. ....	65. 00	Palmer, Moody. ....	313. 75
Neitzling, Falda. ....	121. 25	Parcell, Roy. ....	4. 70
Nelson, Andrew. ....	153. 56	Pardeu, Robert. ....	169. 00
Nelson, P. C. ....	70. 58	Pardt, John S. ....	30. 00
Nevens, Thos. ....	8. 00	Parker, Corda. ....	2. 00
Newbold, A. E. ....	30. 80	Parkinson, W. H. ....	37. 75
Newell, Miss E. A. ....	20. 00	Parks, Grant. ....	4. 00
Newkirk, Chas. ....	66. 25	Parnay, Mardig Y. ....	84. 75
Newman, Ethel M. ....	32. 50	Parrish, Cleo. ....	11. 25
Newman, W. W. ....	2. 00	Parry, W. E. ....	129. 30
Newton, E. S. ....	5. 25	Parsell, Roy. ....	5. 50
Newton, R. B. ....	58. 00	Passmore, C. M. ....	14. 50
Nichols, George. ....	6. 00	Patten, C. H. ....	60. 00
Nicholson, J. M. ....	35. 18	Patterson, Chas. F. ....	35. 00
Nickerson, Earl. ....	12. 50	Patterson, F. F. ....	30. 50
Noddin, Chas. ....	46. 12	Patterson, H. A. ....	88. 20
Noddin, Clifford. ....	41. 62	Pattison, T. C. ....	26. 00
Noddin, V. C. ....	229. 50	Pattison, Wm. A., Jr. ....	70. 50
Noll, James. ....	40. 50	Patritti, Jim. ....	43. 50
Noon, A. S. ....	161. 40	Patton, J. W. ....	53. 75
Norris, Frank. ....	16. 00	Paul, Leonard. ....	26. 50
Nortcliff, Harry. ....	11. 25	Paulson, Andy. ....	75. 00
Northey, Stephen II. ....	35. 40	Payne, E. L. ....	9. 65
Norton, Mary A. ....	25. 00	Payne, Frank. ....	16. 87
Nott, E. M. ....	10. 00	Payne, T. J. ....	37. 12
Newlan, John. ....	91. 67	Peabody, J. H. ....	31. 00
Nuttall, J. H. ....	94. 00	Peacock, James. ....	6. 00
Neal & Harmon. ....	56. 30	Peacock, Willard. ....	15. 00
Neely & Clifford. ....	15. 00	Peal, Steve. ....	67. 00
Neilson & Clement. ....	28. 20	Peaplow, A. ....	46. 00
Nelson Bros. Co. ....	9. 45	Peck, A. L. ....	21. 00
New Mexican Printing Co. ....	19. 00	Peek, A. E. ....	20. 01
Newton Lumber and Manufacturing Co. ....	508. 73	Pehrson, Carl. ....	100. 00
Nicholson Hardware Co. ....	5. 25	Perry, James H. ....	47. 50
Northern Mercantile Co. ....	99. 65	Perry, Robert. ....	46. 74
Northwest Light and Water Co. ....	5. 50	Peters, P. G. ....	129. 89
Officer, L. S. ....	78. 00	Peterson, Frank L. ....	24. 00
Ogden, Carl. ....	4. 00	Peterson, N. P. ....	16. 50
Ogden, R. J. ....	63. 42	Peterson, Axel. ....	22. 50
Ogram, John W. ....	157. 50	Peterson, Chas. B. (P. G. Peterson, ad- ministrator). ....	22. 50
Ojizinger, Harl. ....	12. 00	Peterson, Louis. ....	9. 00
Olander, Chas. ....	1. 50	Peterson, L. W. ....	7. 50
Oleott & Nutting. ....	70. 95	Peterson, Ralph. ....	4. 00
O'Leary, J. V. ....	346. 74	Pettitt, Thos. B. ....	50. 00
Oliphant, Ralph Wm. ....	5. 00	Petty, Edw. ....	55. 25
Olsen, Alfred W. ....	27. 50	Petty, Norman. ....	51. 25
Olsen, Wm. A. ....	8. 00	Pharas, Clayton L. ....	96. 00
Olson, L. M. ....	50. 00	Phelps, Edgar. ....	400. 00
Olson, Pete. ....	1. 50	Peckinpah Chas. M. ....	140. 25
O'Neill, R. H. ....	15. 76	Philly, Frank. ....	8. 00
Opalaka, Frank. ....	84. 00	Pike, Geo. ....	20. 00
O'Rourke, John. ....	56. 00	Pine, Fred. ....	20. 20
Orriz, Romualdo. ....	6. 67	Pinkerton, H. ....	84. 12
Ortego, Delfido. ....	56. 00	Pinkerton, J. A. ....	68. 50
Ortega, Henry. ....	6. 00	Pinkham, Geo. B. ....	24. 75
Ortega, Jose Ramon. ....	3. 00	Pino, George, jr. ....	88. 00
Ortega, Juan y. ....	26. 00	Pitney, Saml. ....	40. 00
Osborn, Bob. ....	10. 00	Pitts, D. W. ....	49. 75
Osborne, Curtis. ....	15. 31	Pleasants, Porter H. ....	8. 75
Owings, William A. ....	110. 00	Pleger, C. M. ....	30. 00
Oldland & Co., A. ....	112. 58	Plumas House. ....	46. 88
Olsen & Co., G. F. ....	12. 70	Plummer, E. C. D. ....	15. 00
O'Neil Lumber Co. ....	143. 20	Plummer, F. M. ....	62. 90
O'Neal & Sons. ....	114. 10	Pointer, W. E. ....	8. 00
Oregon Map and Blue Print Co. ....	11. 06	Plligrini, Franchesco. ....	16. 50
Ott Hdwe. Co. ....	86. 85	Polson, Geo. ....	20. 00
Pace, Mrs. May. ....	19. 50	Poole, C. A. ....	170. 95
Pack, Daniel S. ....	7. 95	Poppe, Henry. ....	3. 00
Pack, Fred. ....	147. 99	Porath, Fred. ....	73. 75
Pack, Robert. ....	94. 00	Porter, A. ....	8. 71

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Porter, Henry.....	\$19.25	Ray, Matt.....	\$3.00
Porter, J. L.....	12.50	Rayome, W. W.....	9.00
Post, A. H.....	54.50	Read, D. L.....	26.00
Potter, A. G.....	20.00	Read, Felix E.....	56.25
Potter, Hayes.....	13.50	Read, W. R.....	13.00
Potts, C. S.....	49.50	Record, Mary E.....	10.00
Pouton, John.....	12.50	Reder, Gus.....	61.25
Powell, O. C.....	20.25	Reder, L. G.....	2.50
Powers, Glen O.....	110.30	Redman, Geo. L.....	56.65
Powers, Harry R.....	10.00	Redman, Herbert.....	14.00
Powers, Preston.....	5.00	Reed, Clarence.....	157.50
Preston, Eugene.....	21.60	Reed, Felix E.....	86.25
Price, Frank.....	74.25	Reed, Jack.....	20.25
Price, Irene.....	1.50	Reed, Wm. C.....	120.00
Price, Marion.....	2.00	Reeks, Frank C.....	5.00
Price, Oren S.....	67.50	Reel, C. E.....	54.00
Pridham, Joe.....	2.50	Reese, J. L.....	3.40
Prigmore, William.....	26.25	Reeve, W. H.....	2.15
Prince, Jos. O.....	4.50	Regan, M. A.....	11.40
Pring, W. H.....	23.33	Reid, Geo. B.....	7.00
Pruett, E. W.....	11.50	Remington, A. C.....	28.00
Pruette, Imogene S.....	52.50	Renand, Chas. M.....	3.75
Pruyn, L. F.....	92.00	Renfrow, John.....	13.00
Pugh, Elmer.....	92.00	Rever, E. W.....	121.50
Purdin, C.....	12.50	Rever, John.....	40.00
Putman, Rex.....	33.75	Royes, Jacinto D.....	175.00
Pylant, W. J.....	16.80	Reyes, Peter.....	14.68
Pyle, F. M.....	31.88	Reynolds, B. F.....	21.38
Pyle, Geo. M., jr.....	12.50	Reynolds, J. H.....	7.00
Pacific Electric Ry. Co.....	6.50	Reynolds, Lawrence J.....	60.00
Pacific Hardware Co.....	42.70	Reynolds, Miller.....	1.50
Pacific Telephone and Telegraph Co.....	329.45	Reynolds, Sam.....	75.00
Paine & Miller Hardware and Imple- ment Co.....	5.45	Rheuby, J. K.....	14.00
Paisley Mercantile Co.....	118.25	Rhoades, J. O.....	9.60
Palace Drug Co.....	1.05	Rhoades, John H.....	6.00
Parowan Equitable Cooperative Asso- ciation.....	28.55	Rhodes, Charles.....	28.00
Pasadena Hardware Co.....	22.85	Rhodes, L. C.....	12.50
Pasadena Furniture and Carpet Co.....	5.76	Rhymes, S. J.....	3.50
Patterson Co., The.....	130.79	Riberdy, Ed. F.....	260.70
Patterson & Olmstead.....	5.40	Rice, A. W.....	66.00
Pearson Mercantile Co.....	9.75	Rice, Edward.....	105.75
Peasley, Transfer Company.....	1.50	Rice, J. G.....	47.50
Peckinpah Lumber Co.....	287.17	Richards, Temple.....	34.37
Peoples Lumber Co.....	292.41	Richardson, E. A.....	15.00
Pfeffer & Swigart.....	4.75	Richardson, S. H., jr.....	20.00
Pierce Co., R. H.....	15.75	Richtnyer, Harry.....	30.00
Pine Mercantile Co.....	23.90	Ridenour, Emslie.....	8.00
Pine River Lumber Co.....	8.91	Rideout, E. Howard.....	20.11
Pinetop Sawmill Co.....	15.78	Rider, W. E.....	9.20
Pioneer Mercantile Co. (Limited).....	1,024.84	Rieger, Frank.....	15.75
Pioneer Telephone and Telegraph Co.....	3.50	Riley, Dick.....	3.00
Plessinger Lumber Co.....	254.67	Riley, Philip.....	10.50
Plumas Commercial Co.....	30.02	Rimmer, T. B.....	4.50
Pollard Co., C. L.....	138.41	Ripley, John.....	76.15
Polson Bros. Mercantile Co.....	186.73	Ritter, W. E.....	7.25
Portland Mercantile Co.....	102.10	Roberts, J. E.....	40.00
Power Co., T. C.....	5.70	Roberts, Jesse.....	52.50
Pratt & Co., F. G.....	84.79	Roberts, M.....	8.00
Prevost & Sons, I. F.....	8.62	Robertson, Frank D.....	93.50
Price Hardware Co.....	48.50	Robertson, F. B.....	65.44
Quigley, J. F.....	5.00	Robinson, Bert.....	25.30
Quigley, W. H.....	19.70	Robinson, Charley.....	47.50
Quitana, Bonigno.....	10.00	Robinson, Sam.....	10.00
Quintana, John.....	50.00	Robinson, S. S.....	15.00
Rak, Chas. L.....	5.00	Robinson, T. A.....	82.89
Raleigh, Walter.....	24.00	Rockafellow, J. A.....	143.36
Ramsay, John.....	11.00	Rockwell, C. A.....	20.50
Ramspeck, K. M.....	25.00	Roclair, Charles.....	78.12
Ramus, Lawrence.....	158.62	Roderus, Wm. C.....	65.00
Randle, Matt.....	63.66	Rodriguez, Edwards.....	60.50
Rankin, C. W.....	52.85	Rodgers, Fred.....	20.00
Rasmussen, Frank.....	42.21	Rogers, Chas. O.....	26.00
Raver, John.....	48.75	Rogers, John L.....	123.00
Ray, Charles.....	182.25	Rogers, W. E.....	120.00
Ray, J. V.....	16.42	Rohde, Dave.....	7.50
		Roland, W. E.....	4.00
		Romero, Celestine.....	4.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Romero, Elroy.....	\$43.50	Sarrano, Antonio.....	\$13.00
Romey, August.....	18.00	Sartor, M. H.....	255.00
Romey, Edward.....	189.80	Savercool, Ed.....	2.50
Rose, C. N.....	134.16	Schiller, John.....	15.00
Rosenberger, Wm. A.....	5.00	Schisler, Geo. H.....	12.56
Rosenfelt, Alberta.....	10.50	Schlomer, H. G.....	2.50
Ross, Ernest.....	31.50	Schmid, George.....	16.00
Ross, Pitt.....	72.50	Schmidt, Claus.....	4.70
Rothwell, Hervin.....	644.16	Schmidt, J. B.....	105.00
Roundy, W. A.....	18.00	Scnmoll, W. T.....	11.50
Rouse, H. M.....	25.00	Schnable, Henry.....	27.50
Rowe, James.....	62.50	Schneider, B.....	12.00
Rowell, S. C.....	10.60	Schneider, Simon.....	4.80
Rowley, Geo.....	14.00	Schneider, W. L.....	28.00
Roybal, Porfirio.....	59.70	Schock, Henry.....	9.75
Royce, Art.....	36.25	Schoenfeld, H.....	9.67
Rub, Thomas.....	20.00	Scholefield, Carl B.....	25.00
Ruelas, Feliz.....	25.30	Schoonmaker, R. B.....	4.40
Russell, F. E.....	224.83	Schott, George A.....	148.50
Russell, T. B.....	68.23	Schrader, Walter H.....	127.50
Rust, Edward.....	30.00	Schraner, Emile.....	57.38
Ruth, Mrs. T. B.....	55.50	Schuessler, R. W.....	27.50
Rutherford, H. J.....	48.16	Schulte, Frank.....	84.00
Rutledge, Warren H.....	15.75	Schweichler, Frank R.....	19.50
Ryan, James.....	33.50	Schwindt, Henry.....	2.00
Ryan, Josephus.....	7.00	Scipio, G. C.....	32.50
Ryan, William.....	54.00	Scott, G. W.....	20.00
Ranch Supply Co.....	193.25	Scott, John.....	28.50
Redlands Hardware and Stove Co.....	36.25	Scott, Lee.....	150.00
Reichman Mercantile Co.....	2.25	Scott, Merton R.....	39.50
Reid Hardware Co.....	5.25	Scott, Roy.....	39.00
Remington Typewriter Co.....	10.25	Sears, E. M.....	112.00
Renfro & Renfro.....	56.59	Sears, S. S.....	901.62
Republic Livery and Transfer Co.....	7.50	Seba, John T.....	325.00
Reserve Grocery Co.....	8.99	Sedillo, Augustine G.....	9.00
Rice & Phelan.....	19.61	Sedillo, Rafael L.....	28.50
Rice & Rice.....	2.30	Seeborn, Wm. H.....	76.40
Richardson Drug Co.....	4.50	Sellier, J. B.....	4.00
Rio Grande Lumber Co.....	76.62	Sergeant, Phillip.....	14.00
Riverside Land and Livestock Co.....	50.00	Serna, Luis.....	37.50
Riverview Manufacturing Co.....	61.65	Serrano, Antonio.....	37.00
Rock Springs Lumber Co.....	110.00	Serrano, Jesus Maria.....	30.00
Rocky Mountain Bell Telephone Co.....	387.54	Service, Samuel.....	40.68
Romero Mercantile Co.....	278.76	Servoss, Roy.....	2.50
Roosevelt Mercantile Co.....	6.65	Sevier, J. M.....	15.00
Rosenthal Furniture Co.....	7.00	Shakespear, Brandon.....	66.25
Roswell Hardware Co.....	142.80	Shakespear, Jos. D.....	37.50
Roundy, Wm.....	4.25	Shalhooob, Edie.....	7.50
Rouss & Co., Jos.....	23.85	Sharp, F. M.....	13.50
Roy and Titcomb (Incorporated).....	2,359.21	Shattuck, E. S.....	78.65
Rundell & Meeder.....	2.40	Shaw, Armand.....	19.12
Ryan & Co., D. W.....	80.00	Shaw, J. M.....	22.00
Sadler, C. C.....	55.50	Shaw, Thos. D.....	53.50
Sain, Thos.....	5.00	Sheehan, Mark.....	18.75
Saint, A. W.....	13.00	Shelley, M. H.....	204.00
Salasor, Migel.....	57.99	Shelton, J. T.....	11.95
Salazar, Jose Ignacio Y.....	25.50	Shepard, C. E.....	46.50
Salazar, Jesus.....	7.50	Sherman, John.....	20.00
Salazar, Jose Pablo.....	117.25	Sherwin, K. B.....	66.00
Salisbury, W. A.....	75.00	Shive, John.....	91.20
Salsbury, Albert.....	35.00	Shock, J. P.....	14.00
Salsbury, Alex.....	2.50	Shores, Jim.....	33.75
Sammons, Wm. C.....	5.00	Short, Lorenzo.....	30.33
Sanchez, Bartolome.....	55.00	Shotwell, E. E.....	51.66
Sanchez, Benjamin.....	15.00	Shrigley, W. E.....	5.00
Sanchez, Ramon.....	21.25	Shryock, John.....	25.50
Sanchez, Ubaldo.....	12.00	Sibbett, Samuel, jr.....	39.88
Sanchez, Canuto.....	69.00	Siegner, Geo. A.....	10.00
Sanders, Frank.....	57.50	Sigle, Ferdinand.....	8.00
Sanders, H. R.....	26.25	Sigle, Herman.....	12.00
Sanders, Joe.....	4.50	Silcox, Geo.....	27.00
Sanders, John R.....	2.00	Siler, R. T.....	82.00
Sanderson, O. R.....	250.00	Siles, C. T.....	8.00
Sanderson, W. D.....	7.50	Sillers, Thomas.....	58.50
Sands, E. F.....	188.20	Simmons, E. Earl.....	29.50
Sanford, Charles B.....	119.00	Simmons, John B.....	10.00
Sargent, M.....	4.87	Simpkins, John.....	8.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Simpson, Thos. H.	\$20.50	Stephan, Geo. H.	\$48.69
Sims, D. L.	14.50	Stephens, Wm. B.	29.25
Sinclair, Geo. W.	152.00	Stephens Bros.	54.55
Sines, Martin	14.00	Stephenson, W. W.	27.50
Singleton, John	21.25	Stettler, F. C.	3.00
Sisson, Headlight	4.50	Stevens, Fred.	150.15
Sitton, Jerry	13.85	Stevens, Montague	27.17
Skalet, O. O.	9.90	Stevens, Hilton H.	1.65
Skinner, R. C.	5.00	Stewart, Edgar L.	29.85
Skogg, John	16.00	Stewart, R. Lph.	4.00
Slipper, Fred G.	18.00	Stigen, L. P.	25.26
Slipper, J. H.	48.55	Stimmler, E. H.	50.60
Sloan, Howard	7.00	Stockbridge, A. J.	17.00
Sloan, J. B.	5.00	Stockham Bros.	77.57
Slocum, A. M.	22.00	Stockman, Wm. F.	20.00
Sloss, S. P.	13.25	Stoddard, J. R.	19.00
Smelser, Homer	108.00	Stokes, William	53.75
Smith, A. B.	4.00	Stone, Alfred	5.00
Smith, Chris.	2.75	Stone, Leo T. J.	8.00
Smith, C. A.	56.00	Stonehouse, J. W.	54.50
Smith, C. E.	33.50	Storhow, A.	23.82
Smith, C. F.	10.00	Stouffer, W. E.	15.00
Smith, C. L.	6.00	Stow, George W.	17.00
Smith, D. E.	30.00	Strait, W. T.	70.50
Smith, Edward	153.00	Stratton, Ellis L.	8.00
Smith, E. E.	17.00	Stratton, J. M.	11.40
Smith, Elias H.	40.00	Strawn, A. L.	88.75
Smith, Fred C.	12.00	Street, Chas. H.	176.75
Smith, Fred L.	4.75	Strodtbeck, Charles A.	128.28
Smith, Fred R.	35.00	Stuart, J. C.	129.02
Smith, Geo. M.	35.00	Stukey Bros.	4.75
Smith, H. L.	15.31	Stukey, Daniel	25.00
Smith, H. F.	6.00	Suina, Juom	176.25
Smith, Harry	84.00	Sullivan, Burt	56.75
Smith, H.	8.00	Sullivan, Charles E.	43.87
Smith, H. B.	84.35	Sullivan, L. H.	20.00
Smith, J. E.	41.25	Sullivan, Matt	5.50
Smith, James X.	11.75	Summers, Andy	53.75
Smith, Levi	150.00	Summers, Dave	197.90
Smith, L. F.	27.50	Sundin, Lars	195.63
Smith, L. K.	40.00	Sundt, M. M.	7.00
Smith, Owen	18.75	Super, Henry	6.90
Smith, P. H.	11.00	Sutherland, Angus	51.87
Smith, W. A.	280.18	Swan, E. L.	2.64
Smith, Will L.	54.25	Swapp, J. E.	12.00
Snell, Mrs. N. E.	24.00	Sweeney Hardware Co., Tom	10.00
Snider, H. R.	33.00	Swenning, Samuel S.	13.30
Snow, Ellis B.	28.45	Swilly, A. C.	102.13
Sorenson, Willard S.	24.00	Sykes, S. K.	99.25
Southard, Ed.	13.00	Sacramento Implement Co.	16.00
Southwell, William	20.50	Safford Lumber Co.	136.55
Sparhawk, Frank O.	5.60	St. George Cooperative Store	32.32
Sparks, Felix	71.69	Salinas Valley Lumber Co.	52.68
Sparks, J.	54.00	Salt Lake Hardware Co.	11.65
Spaulding, Chester A.	77.75	Saltese Supply Co.	7.10
Spaulding, H. S.	11.30	San Bernardino Hardware Co.	70.20
Spaulding, L. F.	12.00	San Diego Truck Co.	24.00
Spencer, John	49.50	San Luis Implement Co.	4.80
Spicer, Beder A.	18.00	San Luis Transfer Co.	13.90
Sprandel, John	13.00	Santa Fe Hardware and Supply Co.	124.72
Spring Garden Mills.	5.18	Saratoga Grocery Co.	110.46
Stacy, F. A.	37.75	Saratoga Lumber and Supply Co.	81.00
Stafford, Charles	4.00	Sayre-Newton Lumber Co.	2.00
Stafford, Conn.	30.25	Schuler-Knox Co.	42.45
Stanley, Fred	10.00	Scott & Klamath River Stage Line.	50.13
Stanley, I. H.	12.40	Seldomridge Grain Co.	6.00
Stannard, E.	47.50	Shattuck & Nimmo Warehouse Co.	3.10
Starr, Leslie	18.75	Shay & Fairholm	21.70
Stark, W. T.	200.00	Shell, Combs & Co.	12.00
Starkey, B. L.	27.00	Sheridan Lumber Co.	10.13
Starr, A. J.	19.05	Sherman & Reed	86.75
Statton, W. O.	4.75	Simpson Hotel	327.30
Steadman, Wm. F.	48.12	Simpson & Johnstone	47.50
Steele, L., Jr.	35.00	Sindlinger & Niles	15.00
Steinmetz, John	15.00	Singleton & Edwards	18.50
Stendel, G. E.	12.50	Siuslaw Lumber Co.	
Stenfelt, Emil	6.00	Smith & Son, E. F.	

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Smith & Son, L. T.	\$0.40	Tower, Burt A.	\$42.50
Smith Bros.	10.75	Towner, Henry.	52.00
Smith Bros. Lumber Co.	459.96	Townsend, Clara E.	56.00
Smith Lumber Co., S. L.	276.30	Toyn, Arthur.	117.00
Southern Oregon Supply Co.	16.85	Toyn, Thomas.	117.00
Southern Stage Co.	8.31	Trabucco, John.	20.00
Southern Utah Equitable.	29.55	Trader, Thomas.	160.00
Spanish Fork Cooperative Institution.	8.50	Trapp, Floyd.	25.00
Sparks-Moore Hardware Co.	16.45	Trask, Marvin W.	10.55
Sperry Flour Co.	110.40	Traverse, R. J.	40.62
Spokane Store.	138.25	Traweek, C. C.	45.00
Sporting Goods Store.	16.00	Trepte, M.	35.18
Spot Cash Loan and Mercantile Co.	71.92	Trijillo, Antonio Aban.	87.62
Stack Supply Co.	27.60	Trimble, B. A.	5.00
Standard Oil Co.	38.93	Trimble, John W.	267.58
Stanford Mercantile Co.	39.55	Trimble, Pierce.	3.00
Stearns & Chenoweth.	86.00	Trimble, Robert C.	5.00
Steinfeld & Co., Albert.	138.35	Trinity Journal.	11.85
Stronberg-Carlson Telephone Manufac- turing Co.	10.50	Tripp, C. L.	10.75
Sumpter Mercantile Co.	13.85	Tripp, Hirshe.	4.00
Sundance Hardware Co.	52.00	Trullinger, Van.	19.65
Superior Lumber Co.	600.00	Trusty, Charles E.	2.25
Swanfeldt Tent and Awning Co.	15.50	Trusty, George.	1.75
Swift & Co.	8.75	Trusty, Hallie.	1.25
Talcott, Chester A.	75.00	Trusty, Henry.	1.25
Tallman, S.	52.54	Trusty, William.	2.25
Tanner, Albert H.	126.28	Tucker, G.	12.38
Tanner, Shirl.	22.50	Tucker, J. P.	130.50
Taresh, John.	22.00	Tucker, R.	12.38
Tarsk, Marvin W.	11.25	Tuckey, M. M.	13.00
Tassotto, Valentine.	11.00	Turbiville, W. P.	16.00
Tavernetti Bros.	15.00	Turk, George L.	5.00
Taylor, G. M.	59.00	Turner, Elmer.	33.00
Taylor, Henry L.	51.00	Turner, O. C.	4.50
Taylor, W. H.	167.63	Turner, Roy.	43.12
Teeples, Chas. W.	145.50	Turner, S. M.	15.31
Teeters, J. L.	12.00	Taber-Vogt Co.	2.25
Teeters, T. J.	10.00	Talbot & Hubbard.	40.25
Temple, Geo. H.	7.40	Taylor Bros. Co.	2.70
Tennell, Birdina.	5.00	Taylor Grocery Co.	25.56
Terrill, Douglas.	35.74	Telluride Hardware Co.	123.39
Thalheim, A.	26.25	Telluride Land and Lumber Co.	19.00
Thamm, John J.	6.66	Theurer Bros.	45.42
Thomas, Chas. E.	3.50	Thomas & Hild.	3.50
Thomas, Jesse.	91.25	Thomason Bros. Hardware Co.	9.35
Thomas, L. E.	109.00	Thompson Falls Mercantile Co.	249.63
Thomas, Mrs. M. A.	22.00	Thornton & Sons, A. K.	18.25
Thomas, Rees.	5.36	Townsend Mercantile Co.	77.50
Thompson, Asil.	33.75	Tritch Hardware Co., Geo.	54.55
Thompson, A.	125.00	Tuolumne County Electric Power and Light Co.	4.12
Thompson, A. L.	6.40	Tuttle Bros.	46.00
Thompson, A. R.	32.50	Twisp Sawmill.	.64
Thompson, Freeman.	44.00	Ulu, Benj. F.	30.00
Thompson, G. A.	26.00	Underwood, W. H.	39.00
Thompson, I. F.	60.00	Upton, Charles A.	33.00
Thompson, J. R.	52.50	Urquhart, H. H.	120.00
Thompson, Job.	24.00	Umpqua Valley News.	7.00
Thompson, Job, jr.	20.00	Underhill & Co.	50.00
Thompson, K.	60.00	Union Construction Co.	12.00
Thrall, H. A.	73.75	Union Lumber Co.	19.15
Thorp, Fred.	10.90	Union Merchandise Co.	183.00
Tibbitt, J. M.	35.00	United States Lumber Co.	51.28
Tighe, Ella.	19.00	U. S. Treasury Mining Co.	15.00
Tinsley, G. W.	108.28	Utah Construction Co.	130.35
Tinsley, Thos.	30.00	Utah Typewriter Exchange Co.	7.00
Titus, D. C.	77.50	Valdez, Pedro.	55.00
Todd, Geo., estate of.	62.50	Valdez, Seferino.	23.57
Todd, Wilbur D.	177.70	Vale, Louis.	12.50
Tonseth.	36.00	Van Buren, Wm.	6.25
Tonseth, L. M.	63.00	Vance, E. W.	10.00
Tonseth, Richard.	50.00	Van Delineler, Lynn D.	42.50
Tores, Edwardo.	60.00	Vandiver, J. L.	3.75
Torres, Marcellina.	19.25	Van Slyke, John R.	9.35
Torrey, J. M.	37.56	Varela, Candelario.	16.25
Torrey, Prisciliano.	4.53	Varley & Son.	15.75

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,263,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Vaught, C. L.	\$29.25	White, W. C.	\$162.00
Velasquez, Tomas	91.00	Whiting, L. S.	69.90
Very, John M.	88.00	Whitney, A. W.	4.63
Viancour, Peter	12.00	Whitney, J. W.	11.25
Vickrey, R. W.	25.33	Whitney, Mervin M.	92.00
Vigil, Florencio	123.36	Whitney, S. C.	145.00
Vigil, Pedro	74.63	Whitt, Jesse	57.60
Villegas, Dan	102.37	Whittier, W. F.	10.00
Virtue, William	41.25	Wickham, P. B.	11.84
Vinegas, Dan	6.75	Widman, G. F.	11.00
Vogel, Herman	3.00	Wiehe, Albert	63.75
Vollmer, Charles	9.00	Wilber, Sam R.	6.00
Valley Produce Co.	107.37	Wilcock, W. S.	41.30
Vendome Hotel	197.53	Wilcox, H. M.	50.72
Vitzthum Bros.	20.00	Wilcox, N. A.	1.10
Vogeler Seed Co.	21.65	Wilde, Peter	26.95
Volls Hardware Co., S. R.	81.12	Wiley, B. P.	9.00
Wagner, Joseph	84.37	Wilke, Arthur	45.00
Wagner, Mabel May	5.00	Wilkerson, N. E.	10.00
Waite, J. S.	32.01	Will, William F.	256.25
Walker, Bill	25.00	Williams, Chas.	67.50
Walker, Cyrus	65.00	Williams, C. S.	242.50
Walker, Frank	20.00	Williams, E. C.	6.35
Walker, Geo. A.	9.12	Williams, E. E.	20.00
Walker, S. E.	36.00	Williams, H. A.	9.00
Walkow, Harry	15.75	Williams, Hugh	14.00
Wallace, H. C.	6.00	Williams, Jas. P.	32.00
Waller, James	234.00	Williams, Nephi	7.12
Walter, Horace	60.00	Williams, N. F.	69.19
Walter, Paul	22.50	Williams, Ollis	51.00
Walton, Joseph W.	28.50	Williams, Russell	4.50
Walton, Levern	16.80	Williams, R. F.	58.80
Ward, Ed.	42.50	Williams, S. H.	9.00
Ward, Edna	7.50	Williamson, Nora O.	44.98
Ward, J. J.	41.25	Willmarth, Clarence	41.50
Ward, W. L.	501.20	Willoughby, T. L.	125.00
Wardall, R. C.	3.10	Wills, Jack	91.54
Warmbrod, G. C.	18.00	Wills, Thos.	1.50
Warnock, George	480.95	Will not, Thos.	45.00
Warren, James	15.00	Wilson, Bob	40.00
Warren, W. H.	36.80	Wilson, Charles H.	11.12
Washam, Frank	260.00	Wilson, C. R.	112.50
Waters, Foley L.	20.00	Wilson, Ed.	7.50
Watrous, Earl	17.25	Wilson, Elias	14.00
Watrous, H. R.	7.00	Wilson, George H.	7.00
Watson, R. J.	11.00	Wilson, Henry	32.00
Watson, W. L.	5.00	Wilson, John	20.00
Watterson, Geo.	346.75	Wilson, Robert	42.50
Watterson, Thos. G.	75.45	Wilson, Roy L.	26.00
Webb, W. T.	20.00	Wilson, Samuel T.	8.00
Weber, F. C.	10.00	Wilson, T. S.	5.75
Webster, A. M.	40.00	Wilson, Wm. H.	18.00
Webster, H. C.	27.00	Winkler, Geo. W.	75.00
Webster, J. A.	11.00	Winn, John	70.14
Wehalt, Adolph	15.00	Winsor, H. D.	87.51
Weill, A.	1.00	Wise, E. J.	3.00
Weiss, Robert	3.50	Wiseman, J. C.	15.00
Welborn, A. L.	49.50	Wissmath, August	5.00
Welch, W. S.	21.00	Witherspoon, Charlie	4.50
Weldon, Benj. C.	17.50	Witherspoon, Geo.	4.50
Wellington, F. T.	55.00	Wolin, A. W.	50.00
Wells, Charles	46.00	Womack, Asa	53.80
Wells, F. W.	51.87	Wood, Ralph	620.00
Wells, William	160.00	Wood, Robert L.	22.50
Wells, W. F.	10.00	Wood, Thos. P.	20.43
Welty, F. A.	54.20	Woodruff, A. L.	49.50
Wenger, Fred	68.75	Woodruff, M. A.	13.75
Werginz, Anton	12.00	Woods, Elisha	58.00
West, B. H.	800.00	Woods, Robert	112.50
Westbrook, Wm. M.	11.10	Woods, R. M.	37.50
Weston, W. E.	115.00	Woodside, Wm.	135.27
Wetherill, Clayton	24.00	Woodworth, H. A.	54.50
Wetzler, Frank	18.00	Woolsey, James J.	51.00
Whalley Lumber Co.	110.51	Wodsey, Joseph	73.03
White, Geo.	32.50	Woolstenhulm, John H.	15.31
White, J. A.	7.50	Wooton, G.	40.25

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Workman, Jesse H.....	\$16.50	Alexander Hardware and Lumber Co., T. M.....	\$53.00
Work, L. O.....	52.00	Baird & Son.....	19.00
Wright, Andrew F.....	22.00	Becker-Blackwell Co., The.....	10.50
Wright, C. E.....	139.80	Benbough Furniture Co.....	44.55
Wright, Dee.....	32.84	Bernard, T. E.....	61.00
Wright, James.....	20.00	Big Blackfoot Milling Co.....	165.71
Wright, W. T.....	7.50	Big Hole Commercial Co.....	21.50
Wydenes, Miss D.....	75.00	Blackfoot Commercial Co.....	14.00
Wyman, Fred K.....	193.53	Bliss Hardware Co., N.....	23.50
Wynn, Carl.....	7.75	Bond & Nohl Co.....	18.45
Währlich-Cornett Co.....	144.88	Brown Co., A.....	2.90
Wallop-Moncreiffe Lumber Co.....	18.26	Brownfield Canty Carpet Co.....	59.85
Wallowa Drug Co.....	6.25	Brownell Bros. (Limited).....	24.00
Wallowa Mercantile Co.....	251.45	Carrizono Trading Co.....	15.25
Warluck Manufacturing Co.....	20.00	Consolidated Wagon and Machine Co.....	47.30
Warner Bros.....	25.37	Copper City Commercial Co.....	48.90
Wasatch Drug Store.....	14.25	Corbett, W. J.....	42.50
Washington Commercial Co.....	242.03	Cosgrove, E.....	11.00
Washington Mill Co.....	18.00	Curran, D. T.....	15.75
Washington Trading Co.....	136.92	Curtin, Arthur P.....	7.00
Watkins & Hotchkiss.....	45.65	Elling & Co., Henry.....	30.55
Watson & Co., C. R.....	11.00	Ellis-Forde Co.....	36.20
Watson & Co., R. A.....	54.85	Fender, E. J.....	20.00
Weaverville Supply Co.....	201.78	Finlay-Pratt Hardware Co.....	20.00
Weill Department Store.....	85.81	Gibbel, I. B.....	18.10
Weiss Mercantile Co., A. J.....	7.02	Graham, C. C.....	17.60
Welch & Titsworth.....	176.10	Guilbert, L. E.....	52.75
Wells-Fargo Co.'s Express.....	82.10	Gunnison Hardware Co.....	25.35
Wells & Morris.....	13.70	Harte, Frank E.....	26.00
Wernli-Boardman Co.....	15.65	Higgins Co., N. T.....	18.75
Western Electric Co.....	1,534.37	Hinman, O. C.....	16.05
Westcliff Hardware Co.....	136.30	Holzman Mercantile Co.....	25.00
Western Drug Co.....	13.50	Idaho Hardware and Plumbing Co. (Limited).....	29.30
Western Montana Flg. Co.....	120.16	Ifield Co., Chas.....	3.00
Whitcomb Bros.....	16.45	Jennings & Sons, H.....	49.70
White & Auchmoody.....	18.00	Johnson Hardware Co.....	40.00
Whitehead & Son, A. R.....	13.94	Keller, Miller & Co.....	25.50
Whitney Co.....	145.99	Kellogg & Stokes Stove Co.....	167.70
Whittier-Coburn Co.....	131.80	Lakeview Mercantile Co.....	37.97
Whitmer & Eby.....	2.75	Laramie Grocery Co.....	11.60
Williams Co. Transfer.....	2.25	Larsen & Kelley.....	15.20
Williams & Co., R. R.....	27.07	Leadville Hardware Co.....	22.00
Williams & Williams.....	11.40	Lee, C. J.....	9.50
Willson Hardware Co., R. D.....	25.50	Lindenfeld & Landell.....	21.90
Wilsey Bros.....	10.00	Lyon & Garrett.....	33.00
Wilson Co., Arthur G.....	4.00	McLeod, Mrs. F.....	15.00
Winston Bros. Co.....	8.25	Maier & Co., B.....	6.60
Winston & Co., Frank H.....	18.00	Meyer, Alfred B.....	20.00
Winthrop Market.....	.94	Mill Co., The.....	16.20
Wonder Mercantile Co.....	13.15	Missoula Mercantile Co.....	74.85
Wood-Davis Hardware Co.....	45.95	Murray Hardware Co.....	21.00
Wood Mercantile Co., G. S.....	3.70	Murta, C. J.....	4.50
Wood & Sheldon Lumber Co.....	4.00	Myers, George B.....	12.00
Woodland Mercantile Co.....	76.12	Nicholson Hardware Co.....	15.00
World-Advance Publishing Co.....	4.50	O'Neill Hardware and Plumbing Co.....	35.00
Worthington Mercantile Co., S. P.....	28.75	Patterson, H. A.....	53.46
Yates, William.....	30.00	Patterson & Olmstead.....	25.00
Yocum, Joel.....	51.00	Paul, G. T.....	32.00
York, Frank A.....	3.96	Pioneer Mercantile Co. (Limited).....	13.50
Young, Adolphia.....	21.60	Plummer, F. M.....	32.75
Young, David.....	6.35	Powers, Glen O.....	20.75
Young, Henry W.....	1.75	Ranch Supply Co.....	15.00
Young, R. K.....	50.00	Randle, Matt.....	19.00
Young, S. W.....	3.75	Rice & Rice.....	66.25
Young, Wm.....	25.00	Rosenthal Furniture Co.....	12.10
Young, C. W.....	8.00	Salt Lake Hardware Co.....	36.35
Yakima Hardware Co.....	79.80	San Luis Furniture Co.....	46.00
Young Men's Cooperative Institution.....	2.88	Schuster, A. & B.....	37.50
Zamora, Antonio.....	45.00	Sears, S. S.....	18.50
Zeigler, Clair E.....	10.00	Scipio, G. C.....	25.00
Zeldenthuis, Raymond.....	9.00	Shell, Combs & Co.....	22.63
Zemp, Joseph.....	27.00	Singleton, H. B.....	33.25
Zimmerman, J. E.....	14.10	Smith Co., W. T.....	9.00
Zimmerman Bros.....	21.00	Springer, T. H.....	63.70
Total.....	171,276.64	Stack Supply Co.....	22.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Express—Continued.</i>	
Stimmel, E. H.	\$6.00	Western Electric Co.	\$2.10
Strong, R. W.	34.75	Wilson Co., Arthur G.	1.00
Stuart, R. W.	10.00		
Taylor, C. M.	27.00	Total	165.03
Thompson Falls Mercantile Co.	18.50		
Washington Commercial Co.	18.00	<i>Telephone.</i>	
Warlick Manufacturing Co.	11.00	Austin-Manhattan Telephone Co.	49.62
Watterson, Geo.	24.95	Baker, Chas. F.	10.95
Willson, Co.	43.00	Colorado Telephone Co.	75.42
Woodside, William	40.00	Farmers Telephone and Telegraph Co.	12.00
Wright, G. E.	7.00	Garfield County Telephone Co.	6.00
Young, H. J.	2.25	Gillies Mill Manufacturing Co.	3.00
Total	2,544.35	Gunnison County Telephone Ex- change Co.	9.00
<i>Fuel.</i>		Home Independent Telephone Co.	20.90
Babbitt Bros.	9.95	Home Telephone and Telegraph Co.	34.25
Barlow Bros.	15.00	Independent Long Distance Telephone Co.	15.00
Barrett, Hicks Co.	3.00	Kalispell Water and Electric Co.	20.50
Beamish, W. H.	4.20	Kemmerer-Big Piney Telephone Co.	19.00
Bernard, T. F.	3.50	Pacific Telephone and Telegraph Co.	36.10
Blair, Guy M.	18.45	Pacific States Telephone and Tele- graph Co.	20.38
Burleson, R. R.	30.00	Rocky Mountain Bell Telephone Co.	375.15
Callow, F. B.	1.85	Santa Fe Electric Telephone Co.	18.00
Campbell, J. S.	14.00	Southern Utah Telephone Co.	20.20
Ellis-Forde Co.	3.75	Southwestern Telephone and Tele- graph Co.	21.25
Geehan, Horace E.	7.20	United States Long-Distance Tele- phone and Telegraph Co.	38.90
Haley, Curtis	15.00	Utah Independent Telephone Co.	16.75
Harper & Reynolds Co.	1.00	Washington and Northern Telephone and Telegraph Co.	7.50
Hemphill, Girdon	36.00	Total	829.87
Hobron, S. D.	3.56	<i>Gas and electricity.</i>	
Love, A. L.	12.55	Chelan Water Power Co.	6.60
Malmberg, John	5.50	First National Bank, Delta, Colo.	20.00
Missoula Mercantile Co.	4.95	Kendall, J. L. & S. A.	10.96
O'Farrell, James R.	3.50	New Mexico Light, Heat and Power Co.	12.00
Republic Livery and Transfer Co.	20.00	Northwest Light and Water Co.	31.25
Saratoga Lumber and Supply Co.	26.30	Puget Sound Power Co.	8.55
Sitton, J.	1.50	Quarles & Quarles	4.50
Thinney, B. J.	16.90	Republic Light and Power Co.	4.40
Williams Co., Transfer	3.00	Town of Gunnison, Colo.	4.50
Wykert, W. B.	80.00	Weaverville Electric Co.	6.00
Total	340.66	Total	112.76
<i>Freight.</i>		<i>Travel and station and field expenses.</i>	
Adley & Sons, E.	1.12	Acord, Thomas	29.80
Ayres & Co., Geo. V.	1.19	Adams, Lawrence J.	23.40
Atchison, Topeka and Santa Fe Ry.		Agee, Fred B.	24.75
Coast Lines	192.38	Allen, Grenville F.	97.09
Carr & Elsethagen	4.08	Alexander, Leslie	11.80
Connor Co.	1.05	Allen, Grover A.	2.85
Consolidated Wagon and Machine Co.	72.20	Allen, James	36.00
Dean & Watson	2.50	Alles, Conrad	64.00
Denver and Rio Grande Ry. Co.	7.88	Alverson, J. E.	239.35
Escalada Bros.	13.00	Anderson, David	13.35
Great Falls Lumber Co.	27.00	Anderson, H. Vernon	35.00
Head Lumber Co.	1.50	Anderson, Joseph F.	249.60
Missoula Mercantile Co.	17.82	Anderson, Milton J.	50.60
Pacific Hardware Co.	4.10	Anderson, Wm. M.	35.80
Parsell, Roy	1.20	Andreason, A. L.	124.79
Roy & Titcomb (Incorporated)	3.98	Andrews, Frank E.	82.85
Ruelas, Feliz	2.81	Arentson, Carl B.	14.15
Saratoga and Encampment Ry. Co.	16.84	Arnold, Asa G.	17.60
Total	370.65	Ashlock, Norman S.	8.75
<i>Express.</i>		Averett, Murray	1.45
Carr & Elsethagen	4.80	Ayres, Robert W.	
Clifton, Samuel B.	8.10		
Halbert & Webber Hardware Co.	2.00		
Missoula Mercantile Co.	25.40		
Montgomery Ward & Co.	2.00		
Moore Co., The	4.40		
Wells Fargo Express Co.	118.23		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Baker, G. A. ....	\$2.80	Campbell, Walter M. ....	\$224.13
Baker, W. W. ....	3.00	Cannon, M. Thurman. ....	24.90
Ballinger, Charles A. ....	430.70	Carl, Fred W. ....	22.20
Barber, Charles L. ....	15.65	Carmody, D. L. ....	52.15
Barber, Jack R. ....	372.27	Carscallen, Thomas W. ....	18.00
Bard, George Philip. ....	19.30	Cassada, James B. ....	26.73
Barnes, Walter S. ....	30.95	Cayton, James G. ....	23.25
Barnett, David. ....	214.60	Chadney, Fred N. ....	11.00
Barney, George H. ....	112.92	Chamberlain, C. A. ....	20.40
Barrett, L. A. ....	331.25	Chappell, S. A. ....	13.00
Barringer, H. P. ....	5.60	Charlton, R. H. ....	235.66
Bartlett, Arthur W. ....	119.40	Chidsey, Thomas E. ....	96.55
Bartmess, Edith H. ....	25.85	Chittenden, Virgil E. ....	7.30
Barton, J. E. ....	.75	Chivington, Harry H. ....	29.50
Bartrum, S. C. ....	222.89	Christensen, Alfred. ....	2.85
Bates, H. F. ....	7.60	Christensen, E. M. ....	25.45
Beard, J. D. F. ....	9.35	Christiansen, Parley. ....	55.26
Bell, Archie N. ....	13.00	Clabby, R. E. ....	49.80
Bell, J. R. ....	7.80	Clack, John H. ....	28.30
Bellairs, Newton G. ....	64.00	Clark, E. R. ....	21.05
Benedict, M. A. ....	10.50	Clark, John H. ....	662.42
Bennyhoff, J. R. ....	20.80	Clarke, Edwin H. ....	101.28
Benson, John C. ....	31.75	Claveland, H. A. ....	24.40
Bentz, George G. ....	271.93	Clements, James W. ....	18.60
Bergh, Henry A. ....	19.64	Clifford, Edward C. ....	70.23
Berky, Edgar C. ....	26.95	Cockrell, Ora. ....	16.45
Berry, C. H. ....	37.30	Cohea, William M. ....	146.62
Berry, Swift. ....	11.35	Cohoon, Anson E. ....	111.47
Bigelow, Richard L. P. ....	145.42	Cole, Alb rt E. ....	27.50
Billings, Jay. ....	10.85	Cole, William H. ....	9.55
Bingham, Cy. J. ....	220.49	Coleman, Geo. A. ....	211.88
Birdno, Geo. H. ....	127.11	Coleman, Gilbert B. ....	76.85
Blackhall, James. ....	42.75	Coleman, John R. ....	18.75
Blair, Frank A. ....	19.30	Collins, Thomas J. ....	48.25
Blair, James A. ....	464.47	Colman, Samuel M. ....	53.65
Blair, O. E. ....	20.05	Conant, James W. ....	2.15
Blake, F. G. ....	34.95	Conger, Willis. ....	15.31
Blakeslee, W. W. ....	99.75	Conkling, David T. ....	70.30
Blankenship, E. O. ....	7.00	Conlon, Joseph F. ....	17.00
Blankenship, Harry C. ....	3.50	Connors, J. F. ....	12.70
Blankenship, S. A. ....	41.15	Conrad, Alfred B. ....	64.78
Blush, Charles E. ....	6.55	Cooley, Charles F. ....	50.01
Bletcher, W. B. ....	22.30	Coolidge, Phillip F. ....	14.88
Bonebrake, Geo. A. ....	76.72	Cooper, Warren M. ....	23.20
Booth, John R. ....	108.70	Copren, C. A. ....	5.55
Borom, William W. ....	11.55	Cottrell, George C. ....	45.80
Bosse, William L. ....	10.00	Crabb, E. H. ....	20.60
Boulter, Joseph M. ....	14.30	Criswell, William H. ....	23.40
Bowers, Walter F. ....	49.75	Crumb, Loyal H. ....	44.45
Bradford, Fred M. ....	1.50	Cryder, William W., jr. ....	158.61
Bradish, W. N. ....	21.12	Cu nin, J. M. ....	79.70
Brann, Frank R. ....	3.15	Cunningham, Frank P. ....	18.60
Breen, F. S. ....	231.31	Cyphers, William S. ....	17.40
Breen, J. E. ....	14.60	Dailey, J. W. ....	14.55
Bridges, John H. ....	15.70	Darling, William F. ....	21.00
Britton, E. ....	217.10	Daugherty, Brocklin. ....	4.55
Brotherton, George W. ....	7.45	Daug, William H. ....	234.81
Brown, Gilbert D. ....	22.65	Day, Percy L. ....	67.00
Brown, James A. ....	29.65	Day, T. L. ....	32.32
Brownlow, Oliver P. ....	7.30	Dean, R. A. ....	10.50
Bruins, J. F. ....	27.05	Decker, Isaac W. ....	17.55
Bryan, John L., jr. ....	1.25	De Groot, Peter. ....	17.45
Buck, Clarence J. ....	160.05	De Lano, George L. ....	18.70
Buckhouse, J. D. ....	15.25	De Lany, Henry E. ....	15.25
Bunker, Page S. ....	113.09	Derriek, Walter J. ....	16.43
Burrall, Harrison D. ....	66.10	Dexter, J. C. ....	14.35
Burton, William C. ....	64.85	Dixon, Peter A. ....	16.75
Bushnell, Dwight. ....	451.47	Donaldson, W. A. ....	15.70
Bushnell, Howard C. ....	72.20	Donery, Joseph A. ....	60.80
Bushnell, Ralph H. ....	8.60	Dorman, John W. ....	20.25
Butler, Ovid M. ....	63.60	Douglas, A. H. ....	92.20
Butterfield, George C. ....	19.15	Dougherty, Jefferson M. ....	4.35
Caisse, Antoine M. ....	9.35	Downs, Norman L. ....	106.75
Callahan, Chas. R. ....	20.65	Drew, N. B. ....	7.98
Campbell, C. F. ....	32.10	Duffy, Bernard J. ....	21.15

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Durbin, W. G.....	\$15.75	Hamilton, Maurice.....	\$8.18
Dwire, Carroll R.....	91.55	Hammatt, R. F.....	50.55
Earle, James B.....	21.24	Hammer, Leslie L.....	7.60
Eastland, Joseph C.....	6.95	Hammond, H. B.....	24.50
Edick, Mark.....	37.75	Hampton, John G.....	20.75
Edwards, Eli.....	6.60	Hansen, Hans T.....	30.70
Elliott, Lee.....	12.62	Hanson, Frederick.....	669.95
Elliott, M. B.....	504.17	Harpham, Vernon V.....	25.35
Ellis, S. L. N.....	6.30	Harris, A. E.....	13.90
Emmons, Charles L.....	86.80	Harris, Harvey W.....	9.40
Erwin, Hector F.....	18.50	Harris, Hugh H.....	140.29
Farley, George.....	60.50	Hart, Fred G.....	31.80
Faulkner, Normandus C.....	23.55	Hartley, Leonard.....	30.00
Fay, Herbert B.....	26.20	Harvey, J. Roy.....	135.24
Fenn, F. A.....	92.35	Hathaway, Elmer E.....	18.80
Fenn, Homer E.....	124.85	Hayes, William D.....	143.36
Fick, C. H.....	5.00	Hays, Oscar O.....	4.50
Finley, Evert H.....	4.70	Hazzard, W. H.....	52.24
Fisher, Daniel J.....	41.90	Headley, Roy.....	323.85
Fisher, S. L.....	22.30	Hedrick, Frank.....	9.10
Fitton, David E.....	250.23	Hedricks, Amos.....	8.30
Fitzgerald, Christopher W.....	2,107.63	Heilman, Benjamin C.....	12.60
Fitzhugh, Clarence H.....	4.75	Helfrich, Frank.....	73.09
Flintham, Stuart J.....	346.27	Henderson, S.....	20.20
Flory, Chas. H.....	206.71	Hennings, Byron W.....	4.15
Flourney, Robert W.....	31.85	Herrick, Coit E.....	34.20
Foster, A. B.....	11.85	Herrick, Lincoln.....	26.00
Foster, Fred R.....	19.30	Herrig, Fred.....	4.95
Foster, Harold D.....	22.05	Herrington, Frank B.....	16.45
Foster, Isaiah W.....	16.25	Hess, Chas. E.....	22.20
Frame, James.....	8.75	Hicks, Arthur G.....	35.85
Fraser, W. R.....	18.90	Higgins, Chas. G. Y.....	32.80
French, Harry H.....	549.52	Hill, Frank P.....	7.00
Frey, Merle F.....	2.65	Hill, W. F.....	104.95
Fromme, R. L.....	185.19	Hilligoss, Ralph A.....	27.35
Gallegos, Tibo.....	9.90	Hilton, David B.....	14.40
Galpin, William L.....	28.70	Hilton, F. P.....	3.15
Garner, Will A.....	4.47	Hinderer, Chas. H.....	305.63
Garrett, William X.....	12.70	Hinderer, E. A.....	20.00
Gaslin, Joseph A.....	6.00	Hinkle, Shelby B.....	14.43
Giddings, J. G.....	129.47	Hinst, Henry C.....	37.40
Gilbreath, Earl R.....	22.82	Hiskey, George B.....	119.25
Gillan, Silas L.....	61.65	Hockaday, Morrison W.....	43.46
Goddard, William H.....	14.00	Hoffman, A. H.....	16.75
Goody, Penn L.....	59.85	Hogan, Thomas.....	81.70
Graham, Frank A.....	15.70	Hoge, William B.....	26.25
Grandjean, Emile.....	276.29	Hogue, A. H.....	138.69
Granger, Christopher M.....	106.55	Holbrook, Wellman.....	11.70
Gray, Charles T.....	24.70	Holt, Lewis.....	26.45
Gray, Frank E.....	21.85	Hopping, Ralph.....	10.30
Gray, John T.....	72.10	Howard, E. C.....	3.50
Greeley, W. B.....	148.25	Howell, Thomas F.....	16.75
Green, Otto T.....	9.10	Hoyt, T. C.....	89.85
Greenwald, Otto.....	17.35	Huddle, C. I.....	33.90
Gribble, John E.....	127.05	Huestis, W. A.....	7.85
Griffin, C. W.....	66.15	Huff, Calvin H.....	12.90
Griffith, Paul F.....	74.70	Huffman, Wm. P.....	25.80
Gumaer, R. M.....	3.90	Hughes, John R.....	29.65
Gundlach, August W. F.....	20.30	Huneston, S. J.....	5.80
Guthrie, Hugh M.....	98.95	Hunt, T. M.....	22.30
Hadley, Walter B.....	927.00	Hurd, H. C.....	61.61
Hafley, F. H.....	64.15	Hurst, William.....	76.88
Hageman, John A.....	11.55	Imes, Chas. R.....	14.35
Haines, Fremont N.....	264.83	Ingram, Guy M.....	797.49
Haines, Roscoe.....	57.90	Ireland, A. S.....	247.98
Hale, H. M.....	101.69	Ireland, Henry.....	382.27
Hall, C. C.....	215.80	Irvin, E. A.....	6.17
Hall, Harry C.....	170.67	Irwin, James A.....	10.45
Hall, Henry C.....	108.15	Ivie, Alden S.....	9.50
Hall, Willie J.....	17.15	Jackson, A. J.....	14.40
Halleck, Albert G.....	3.25	Jackson, C. W.....	9.80
Halversen, Earl.....	5.50	Jackson, W. E.....	24.05
Haman, Frederick C.....	16.45	Janes, Lionel L.....	137.90
Hamilton, Edwin M.....	520.38	Jay, Charlton.....	14.40
Hamilton, George A.....	4.00	Jayne, Milton R.....	20.05

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Jennings, Charles H.	\$4.50	Macduff, Nelson F.	\$36.00
Jensen, A. W.	94.25	MacGuffey, Kingsley R.	8.45
Jensen, Effie.	30.85	MacKay, Alex J.	134.47
Jewell, James E.	8.50	Mackelfresh, Oscar S.	31.15
Johnston, Don P.	99.30	Mackenzie, Thos. P.	15.95
Jolliffe, Joseph S.	6.95	Macnab, A. T.	8.15
Jones, Birtsl W.	11.35	Maelzer, Julius G.	8.00
Jones, E. E.	72.05	Mahn, E. H.	27.60
Jones, John L.	1.71	Mains, Guy B.	335.42
Jones, Joseph J.	9.85	Mainwaring, E. S.	183.76
Jones, Zeph.	163.32	Marshall, G. E.	263.41
Keach, John E.	6.05	Marshall, Harold A. E.	552.15
Kelley, Evan W.	74.50	Marshall, Robert E.	49.75
Kellogg, Frank B.	32.96	Martin, D. C.	148.25
Kennaday, Andrew J.	19.70	Martin, William C.	44.58
Kenner, Beauregard.	86.35	Maryott, D. W.	203.53
Keough, C. D.	13.75	Mast, Wm. H.	236.13
Kerby, D. H.	33.00	Mathews, Harry E.	116.85
Kerr, John.	1,553.34	Mathias, Royal F.	161.35
Kerstetter, O. E.	5.30	Mattoon, W. R.	5.25
Kiermeyer, Isador.	6.55	Maule, Wm. M.	197.35
Kinney, David G.	182.14	Maxfield, John D.	4.95
Kinney, James H.	396.65	Melone, W. C.	5.35
Kinsey, Theo. T.	31.50	Mercer, Chas.	4.60
Kirk, Nellie A.	23.55	Mercer, Thos. L.	8.75
Kirkland, Bert P.	93.62	Merrill, W. A.	11.25
Klein, O. H.	4.50	Metcalf, C. C.	11.85
Kling, L. A. H.	163.72	Milbury, William B.	30.35
Knowles, Louis.	16.30	Milham, George W.	104.37
Knowlton, Frank H.	9.15	Miller, Charles N.	27.20
Koch, Elers.	507.35	Miller, George.	65.36
Kreutzer, William R.	135.78	Miller, Robert E.	89.91
Lafferty, J. B.	575.17	Montgomery, D. C., jr.	1.80
Laing, David.	42.70	Montgomery, E. F.	4.39
Lake, J. R.	12.40	Moon, Howard C.	12.45
Lane, Howard F.	17.75	Moore, R. J.	15.40
Langworthy, James N.	34.31	Moore, Stephen A.	35.30
Lantry, V. Gifford, jr.	358.95	Morgan, Lewis T.	166.00
La Plant, Joseph C.	90.70	Morrill, Walter J.	85.55
Larsen, Axel E.	65.95	Mosimann, Louis H.	30.90
Laubagh, Elmer E.	25.45	Moylle, Sydney E.	33.12
Leatham, James.	39.95	Mullen, James F.	22.75
Leese, James P.	40.50	Mullison, John H.	54.74
Lewis, Roscoe O.	4.00	Mundell, Lewis J.	1.65
Linscott, Sam S.	1.60	Mundy, John.	33.65
Livesay, George W.	17.65	Murdock, John, jr.	6.75
Long, Ernest B.	7.55	Murnane, Geo. W.	71.85
Long, Harry H.	32.25	Murray, Martin A.	8.05
Lovejoy, P. S.	186.97	Musgrave, M. E.	8.75
Lovelace, Byron O.	38.01	Musick, Walter G.	13.50
Lowell, James J.	64.66	Muzzall, H. C.	15.10
Lynn, Arthur L.	69.75	Myers, D. W.	33.58
Lyon, Harry E.	30.45	Myers, L. S.	87.90
Lyon, Robert G.	24.50	Neal, Arthur M.	330.93
McAbee, James W.	52.75	Neel, H. C.	40.25
McAnally, Knox.	23.25	Nelson, Esther.	2.37
McCain, Arthur C.	18.35	Nelson, Jesse W.	476.70
McCall, James D.	34.10	Nelson, Leo.	21.65
McClure, Edmund A.	35.80	Newport, Lee C.	30.50
McCoy, William.	139.94	Nichols, W. J.	114.30
McCready, Claude B.	2.75	O'Brien, Howard K.	141.25
McCreery, Lewis N.	75.32	Oden, C. V.	94.97
McDuffie, Arthur.	7.40	Olde, Fred S.	9.65
McGlone, Charles T.	39.75	Oliphant, Jas. A.	13.05
McGregor, D. B.	5.50	Ordish, Charles E.	4.35
McGuinness, John B.	17.80	Owings, William A.	15.35
McInroy, Joseph.	7.50	Pack, Daniel S.	127.25
McKee, Jackson.	24.90	Pack, Willard I.	357.92
McKee, Silas L.	16.30	Page, Ernest R.	12.20
McKinzie, Ray.	75.26	Palmer, Moody.	5.60
McLaren, John.	24.80	Park, Charles H.	126.15
McMullin, C. E.	32.25	Parker, A. A.	266.38
McNamara, H. A.	95.07	Parker, Thomas H.	13.60
McNamara, J. A.	54.20	Parnay, Serope Y.	93.42
McNelly, Ino C.	18.20	Patten, Adelbert E.	9.00
McPheters, H. G.	27.00	Patterson, John H.	40.90

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field ex- penses—Continued.</i>		<i>Travel and station and field ex- penses—Continued.</i>	
Patton, J. W. ....	\$5.45	Schoonover, Charles E. ....	\$115.15
Payne, Clinton B. ....	1.99	Schrader, Walter H. ....	166.64
Pearson, John A. ....	19.25	Scott, Chas. A. ....	103.20
Peltz, James L. ....	17.52	Scott, Erls. W. ....	27.70
Peltz, R. L. ....	16.45	Scott, James A. ....	15.08
Pennock, Frank W. ....	13.20	Seals, Fred J. ....	17.10
Peterson, Lehl, Jr. ....	11.45	Seaman, E. W. ....	70.35
Peterson, N. E. ....	12.35	Searcy, E. W. ....	24.05
Petrie, James P. ....	12.35	Sears, Willard L. ....	28.50
Phelan, Lawrence J. ....	27.00	Sease, S. F. ....	19.75
Phillips, Ress. ....	205.61	Seckner, James L. ....	12.20
Phillips, Bert G. ....	80.65	Seely, J. B. ....	341.25
Pierpont, Russell B. ....	1.25	Seitz, Clyde R. ....	241.05
Poe, William A. ....	18.70	Selkirk, R. J. ....	391.60
Pond, Russell G. ....	23.85	Senn, Alfred. ....	45.10
Pooler, Frank C. W. ....	744.61	Shanafelt, Wm. H. ....	10.10
Porcher, Francis P. ....	95.30	Shaner, Osmer W. ....	.25
Porter, H. K. ....	657.46	Shanley, W. J. ....	12.00
Potts, Homer O. ....	48.90	Shartzler, L. A. ....	43.75
Powell, Frank A. ....	8.80	Shaw, Ernest W. ....	418.04
Pradt, Geo. K. ....	27.00	Shellabarger, C. W. ....	21.90
Pratt, M. B. ....	16.60	Shelledy, Benjamin F. ....	7.45
Price, Norman B. ....	30.55	Sheller, D. B. ....	301.09
Pring, W. H. ....	44.75	Shelley, R. S. ....	34.70
Prout, Joseph H. ....	21.90	Sherman, J. H. ....	24.85
Pyle, Lewis R. ....	37.95	Sherrard, T. H. ....	238.99
Rachford, C. E. ....	179.37	Shields, John. ....	20.15
Rak, Charles L. ....	11.35	Shinn, Charles H. ....	932.96
Ratliff, J. H. ....	205.32	Shockley, Hepler R. ....	105.94
Ray, Carl W. ....	1.25	Shoemaker, Theodore, jr. ....	246.60
Raymond, W. A. ....	21.00	Shoemaker, Theodore. ....	21.30
Read, Arthur D. ....	113.19	Simmons, Clyde B. ....	82.90
Record, Samuel J. ....	279.81	Simmons, Jas. A. ....	21.15
Redington, Paul G. ....	11.10	Simmons, John B. ....	15.15
Reed, Homer O. ....	15.35	Sinclair, George W. ....	3.50
Reed, James B. ....	6.25	Skeels, Dorr. ....	10.50
Reed, W. H. ....	184.95	Slosson, Willis M. ....	1,016.42
Reid, Clement C. ....	14.30	Smith, Clinton G. ....	6.15
Reid, John S. ....	82.69	Smith, C. L. ....	144.55
Reid, Joseph W. ....	11.65	Smith, Frank T. ....	17.25
Reindorp, Cecil R. C. ....	106.20	Smith, Glen A. ....	151.50
Reynolds, Amasa O. ....	24.05	Smith, G. C. ....	176.56
Reynolds, Thomas N. ....	51.60	Smith, John F. ....	18.40
Rice, Delmer S. ....	131.09	Smith, Joseph Emerson. ....	9.45
Richardson, Ernest A. ....	45.50	Smith, Raymond F. ....	7.95
Richardson, James F. ....	78.00	Smith, Standish. ....	19.60
Rider, W. B. ....	281.39	Smith, Truman O. ....	32.60
Rils, John. ....	45.40	Smith, W. F. ....	13.10
Ring, Geo. V. ....	10.00	Smith, William W. ....	9.05
Robertson, Benjamin. ....	54.80	Snell, Nathan E. ....	84.85
Robertson, Mark M. ....	36.62	Snodgrass, Perry L. ....	45.70
Robinson, Kenneth S. ....	4.25	Snow, Orrin C. ....	179.52
Robinson, Walter C. ....	50.07	Sobey, Robert T. ....	22.22
Roche, M. H. ....	9.00	Sparhawk, F. O. ....	26.00
Rodman, Douglas. ....	199.53	Spaulding, Thos. C. ....	42.65
Rogers, John H. ....	32.95	Spencer, Frank C. ....	38.23
Rogers, Raymond R. ....	44.35	Spencer, Henry L. ....	53.05
Rogers, W. E. ....	9.75	Squires, G. E. ....	12.73
Rogers, W. W. ....	8.25	Squires, John F. ....	27.40
Rose, Hyrum O. ....	19.50	St. Clair, Robert C. ....	8.90
Rothkugel, Max. ....	295.96	Stadler, Joseph K. ....	6.60
Rudd, D. B. ....	21.40	Stahl, C. J. ....	293.40
Rudolph, Louis F. ....	29.70	Stahl, Edward G. ....	3.25
Ruff, John H. ....	284.95	Stark, W. T. ....	33.50
Rumsey, Chas. B. ....	17.00	Steele, Foster. ....	70.20
Rush, Frank. ....	39.45	Steele, Raymond G. ....	7.75
Russell, E. C. ....	208.05	Stephens, John E. ....	18.80
Ruth, Thomas B. ....	29.35	Stephenson, Elmer E. ....	20.65
Rutledge, R. H. ....	425.60	Stewart, John. ....	21.74
Ryan, James M. ....	26.25	Stewart, Thos. R. ....	154.34
Ryan, Josephus. ....	12.50	Stickney, Mallory N. ....	21.70
Ryan, Wm. A. ....	11.35	Stillwell, Sherman B. ....	2.10
Samuels, Martha. ....	49.90	Stockbridge, Arthur J. ....	22.35
Sawyer, George E. ....	3.80	Story, Clark W., jr. ....	16.25
Searlett, Robert. ....	6.85	Strawn, Alfred L. ....	2.15
Schmitz, J. M. ....	420.89	Stretch, Rolland A. ....	4.10

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Administration, etc., of Forest Reserves, \$1,268,957.68"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Strodtbeck, Charles A.	\$4.35	Ward, Louis D.	\$17.55
Stroup, Andrew L.	336.96	Ward, Ray E.	2.60
Stuart, James.	8.25	Waters, Roy G.	25.00
Stuart, Robert W.	794.55	Waterworth, John.	26.85
Stuart, W. A.	78.49	Watkins, Thomas J.	15.50
Studley, Horace F.	22.60	Watrous, Charles E.	8.85
Sutherland, Baigrie.	18.45	Wedemeyer, Jno. T.	281.20
Sutherland, S. S.	36.80	Wells, J. C.	38.70
Swallow, L. A.	34.15	Welsh, Thos. H.	50.00
Swan, William.	12.95	Wessel, Louis.	184.22
Swenning, Samuel S.	193.35	West, Thos. C.	31.75
Swift, Theodore T.	407.10	Westfall, James F.	7.25
Sypher, A. W.	14.50	Wheatley, John C.	36.90
Sylvester, Albert H.	78.25	Wheeler, Herbert N.	302.41
Taft, Charles W.	55.90	White, J. S.	10.05
Taylor, Charles R.	18.20	White, Roy R.	38.37
Taylor, J. L. B.	13.40	White, Wilfred W.	42.45
Taylor, Pearl A.	29.20	Whitney, Charles A.	46.50
Taylor, R. James.	25.10	Widman, George C.	10.25
Terry, Elwood, I.	22.35	Wiehe, William.	10.85
Thain, James G.	141.25	Wilkerson, N. E.	11.75
Theurer, David O.	6.25	Williams, Albert H.	13.40
Thomas, Bradley M.	22.55	Williams, Eugene.	289.63
Thompson, James M.	16.45	Williams, Philo M.	8.66
Thomson, Frank S.	16.30	Willson, Roscoe G.	332.70
Thomson, Rich Roy.	42.00	Wilson, R. B.	152.86
Thorne, A., jr.	14.50	Wilson, W. I.	18.25
Thornton, F. M.	14.10	Winn, Frederic.	39.80
Thurston, H. W.	68.76	Woodruff, Mark G.	289.13
Tibbetts, Sewell.	65.50	Woods, Clarence N.	750.18
Tompkins, Frank.	76.35	Wools, Lula Theo.	7.45
Torstenon, Nels O.	209.67	Woolsey, T. S., jr.	7.95
Tremewan, C. Sydney.	118.45	Worthley, I. T.	59.12
Tungate, Ira.	8.00	Wrensted, Peter T.	357.75
Turner, Harry C.	70.30	Wright, Abner T.	33.24
Tyler, Raymond.	242.86	Wright, Crispin.	11.50
Underwood, Robert N.	39.85	Wyman, C. K.	203.79
Vail, W. S.	40.40	Wynne, Athol A.	5.65
Vance, Edwin N.	14.35	Yerkes, H. B.	18.35
Van Dyk, G. M.	23.80	Young, Carl H.	26.75
Verner, Thomas.	12.65	Young, Richard W.	20.00
Viles, H. C.	100.25	Zachau, Arthur H.	193.93
Wallis, Francis.	8.25		
Walter, Paul.	17.00		
Walter, William.	20.80		
		Total.	58,882.97

Total amount of appropriation.	\$1,268,957.68
Total expenditures under above groups.	\$1,084,299.21
Advance to W. A. Langille, temporary special disbursing agent.	9,128.88
Refunds to Uinta Indians.	8,185.70
Refunds of 10 per cent to States.	160,364.60
	1,261,978.39
Unexpended balance.	6,979.29
Repayment to credit of appropriation.	7.75
Net unexpended balance.	6,987.04

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Refunds to depositors, excess of deposits, \$48,678.61"—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds.</i>		<i>Refunds—Continued.</i>	
Abbeloso, B. F.	\$10.00	Cathey, M. L.	\$8.00
Adams, F. D.	33.15	Chadwick Sheep Co.	80.00
Alleghany Mining Co.	4.47	Chadwick & Co., Chas.	60.00
Alpers, Fred P.	14.00	Champney, W. V.	13.70
Alvord, E. H.	10.00	Chavez, Procopio	1.00
Anderson, Andrew, and Larsen, Sam.	50.00	Chavis, Juan	15.00
Anderson, Chas. A.	4.55	Clack, John H.	112.50
Anderson, C. H.	40.00	Clark, J. H.	1.50
Anderson, Gus.	11.62	Clarke, Thomas	7.00
Anderson, J. R.	.95	Cline & Moore	50.00
Archuleta, Jose G.	10.40	Clucas, John T.	5.00
Arlington Cedar Co.	3,000.00	Cockrell, C. W., Jr.	3.00
Ashley & Gorrie.	8.00	Colby, George A.	150.00
Atkin, Wm.	15.45	Coleman, Wm., & Clotworthy, Sarah M.	150.00
Atkinson, John	27.00	Colorado Investment, Telephone and Telegraph Co.	325.00
Austin, A. C.	2.50	Cone Ranch Co.	160.00
Ayers, C. D.	12.50	Cone & Ward Co.	160.00
Baker, Commodore P.	2.95	Conklin Bros.	13.26
Baker, Matt.	2.50	Conley & McTague	274.00
Bangs, Nicholas	50.00	Conlon, P. M.	44.90
Bartell, Wm.	16.17	Consumers' Box Co.	225.00
Barton, A. R.	30.00	Cooper, G. L.	3.00
Basche, Claude.	35.75	Corey, John L.	112.00
Bay, A. K.	10.00	Cornez & Co., Frank	18.00
Bazan, Ignacio.	90.00	Coster & Son, Manuel.	9.35
Bear Creek Telephone Co.	2.10	Craig, Josiah, & Bush, Chas. E.	13.75
Beattie, Wm. L.	3.00	Craigs, William	2.50
Beaver, Mrs. Louis.	1.95	Crandall, H. N.	34.45
Beckstead, Alex.	20.00	Crawford, H. P.	3.86
Belanger, Andrew	5.00	Criswell, F. L.	10.00
Berg, G. K.	7.69	Croff, John A.	1.00
Bidwell, John N.	6.50	Crook, C. W.	1.00
Billups, G. P.	7.69	Crook, Thos. H., and G. Heber.	150.00
Black, A. R.	100.00	Croze, Robert.	3.00
Black, Chas. G.	1.25	Cross, A. A.	18.80
Black, J. M.	2.00	Crowder & Doyle	120.82
Blakeley, Chas.	5.00	Curtis, G. H. & W. L., W. R. Monteith, and Jas. Slane	10.00
Bock, Theodore	5.40	Daly, Benjamin	1.40
Bond & Bros., G. W.	8.50	Davidson, George W.	40.00
Bonham, Mrs. Cynthia E. Garst.	5.00	Davis, H. M.	100.00
Borky, George A.	60.27	Davis, Joseph.	11.59
Borland, A.	144.20	Daybell, J. W.	16.00
Bostwick, J. H.	40.00	Diehl, A. W.	11.75
Bourne Gold Mining Co.	210.00	Dinsdale, Jeffrey	65.56
Bourne, Robert	1.40	Dissmore, R. A.	2.85
Bowles, R. N.	95.94	Dobson, Wm.	33.90
Box, R. H.	.33	Donelson, William	28.50
Brierly, A. A.	3.00	Dougherty, Mrs. N.	8.00
Brown, J. C.	33.60	Dray, W. O.	50.00
Brown Ranch Co.	64.00	Dubuque, David	2.50
Bryant & Sons, P. L.	12.90	Ducolon, Albert.	18.75
Bunker Hill and Sullivan Mining and Concentrating Co.	1,315.79	Duffield, T. T.	8.00
Bunn, W. J.	2.00	Dufrene, Joseph	14.85
Burland & Varian	10.00	Eagle Lumber Co.	2.05
Burro Mountain Copper Co.	270.00	Eagle, Z. C.	2.50
Buskala, Henry	4.00	Edwards, Frank	9.00
Butterfield Live Stock Co. (Limited).	31.25	Eldridge, S. T.	12.25
Button, Chas.	4.00	Elster, C. A.	5.50
Bye, O. J.	1.95	Ennis, Emmott	1.50
Byram, Wm.	2.50	Eschbach, J.	6.25
Cable, Alma	47.76	Estes, W. E.	16.53
Caldwell Bros.	5.00	Ethelwynn Gold Mining Co.	84.45
Callen, R. C., Johnson, W. S., and Smith, W. L.	5.00	Evans Bros.	10.25
Campbell, J. B.	4.50	Fader, Jim.	.10
Campbell, Jonathan	78.00	Falkner, J. L.	16.80
Canary, George W.	50.00	Farrell, C. D.	100.00
Cannell, T. Arthur	30.00	Farris, F. M.	50.00
Cantrall, A. J.	.40	Felch, John R.	11.25
Carbon Timber Co.	1.02	Finke, Paul T.	1.00
Carlin, Fred	1.35	Fischer, Walter A., and W. H. Glass	237.50
Carlson, Charlie	2.50	Fisher, F. C.	90.70
Carpenter Bros.	25.00	Fleming, Jean H.	.30
Carter, S. R.	1.00	Follmer, H. R.	40.00
Casa Diablo Gold Mining Co.	61.30	Ford, Martin, Jr.	4.72
Casper, P. W.	19.95	Poster, Wm. M.	250.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Refunds to depositors, excess of deposits, \$48,678.61"—Continued.

Name.	Amount.	Name.	Amount.
[Refunds—Continued.]		Refunds—Continued.	
Foust & Hough.....	\$108.63	Hunnleutt, R. A.....	\$19.50
Freany, John.....	9.72	Hunt, Alma and Isaac.....	35.50
Fulgrum, J. O.....	3.00	Hunter, James N.....	12.80
Funk, D. B., jr.....	1.55	Hyrum, Carter.....	9.55
Gallagher, John G.....	1.00	Imperial Mines Consolidated.....	318.68
Gambil, Samuel.....	67.50	Indiana Hill Hydraulic Mining Co.....	20.00
Garcia, Joe.....	56.43	Irion, Chas. W.....	25.00
Gardner, Neil L.....	2.50	Irving, C. L.....	90.00
Garner, Martin & Swarthout.....	35.00	Isola, Casimo.....	21.64
Gary, John.....	260.00	Jacobson, J.....	50.00
Gerber, Ed.....	12.78	Jamieson & Co.....	122.50
Gibbs, C. D., and Clyde Arnold.....	15.00	Jeffre, Hale.....	4.79
Gibbs, Will F.....	25.88	Jensen, Elmer.....	24.00
Gibson, W. A.....	8.00	Jensen, J. M.....	4.00
Gil, Miguel.....	23.05	Jobe, A. L.....	8.00
Gilmore, A. J.....	1.33	Johnny Mining Co.....	12.00
Globe Light and Power Co.....	135.59	Johns, H. G. and A. L.....	15.75
Goesling, P. H.....	75.00	Johnson, David.....	5.00
Gomez, Juan N.....	6.00	Johnson, Jacob.....	10.75
Gorrell, Jesse E.....	15.35	Johnson, J. S.....	3.97
Gover, D. L.....	9.20	Johnson, Louis.....	.69
Grand View Hotel.....	26.25	Johnson, M.....	60.00
Grant, E.....	25.00	Johnson Bros.....	1.00
Grant, Henry.....	43.00	Johnston, Wm. E.....	3.40
Graybeat, T. D.....	3.00	Jones, David W.....	2.50
Green, James H.....	17.98	Jones, Louis R.....	25.00
Griswold, Lewis.....	5.50	Jones, Wiley.....	43.75
Grob, W. F.....	5.60	Junkaus, W. F.....	75.00
Habnewald, Albert.....	45.00	Kanawyer, Mrs. P. A.....	12.00
Hacking, James.....	150.00	Kearns, Foster.....	2.70
Hagar, Henry.....	30.00	Keller Bros.....	5.00
Haight, Chas.....	8.05	Kellogg & Bower.....	10.00
Hall, A. C.....	2.12	Kelly, H. W.....	50.00
Hall, C. O.....	2.27	Kelsey, James.....	30.00
Hall, George B.....	110.00	Kenepewich, Max Paul.....	9.80
Hallstrom, C. J.....	91.00	Kerr, M. J.....	183.40
Hamblin, Willard.....	.45	Kerstetter, Frank.....	3.75
Hamlin, A.....	100.00	Kinderman & Co., Wm.....	14.24
Hanson, J. P.....	.99	Kinnear, J. A.....	12.80
Harris, C. W.....	4.00	Kirby, John J.....	2.50
Hart, F. A.....	250.00	Kirk, John N.....	25.00
Hartley & Goodge.....	17.49	Kossman, Michael F.....	1.25
Hartvigen, J. A.....	1.45	Kottmeir, L. F.....	119.00
Harvat, John H.....	240.00	Kuharski, S.....	2.00
Hawkins, L. D.....	9.50	Laird & Sons, E.....	26.00
Hayes Consolidated Mining Co.....	79.68	Lamay, Leroy.....	.83
Hebgen, Max.....	295.75	Lambert, Dan.....	1,305.35
Hemmerigh, H. C.....	3.00	Lane Lumber Co.....	4.47
Henderson, J. B.....	5.00	Laney, D. A.....	3.00
Henderson, W. S.....	100.00	Lange, N. E.....	.90
Henley, George J.....	4.00	Larsen Lumber Co.....	50.00
Herchy, August.....	.75	Larsen & Co.....	121.94
Hessig, Jos.....	6.30	Larson, J. A.....	9.00
Hickox, J. L.....	35.00	Larter, H.....	6.35
Hicks, J. J.....	5.65	Lavell, Chas. E.....	10.00
Higgins, Wm.....	2.00	Lavelle, M. P.....	130.00
Hilton, Chas.....	126.00	Lee, J. D., and Marion.....	2.06
Hinton, J. E.....	40.00	Lee, Perry E.....	57.37
Hockett, Ben F.....	8.75	Lee, Robert E.....	1.25
Holden, Edgar P.....	10.00	Leoncio, Oliver.....	10.06
Holland, B. B.....	17.25	Lewandowski, J. A.....	50.00
Hollis, U. W.....	12.00	Lewis, Arthur.....	4.00
Hooper, J. L.....	30.00	Lincoln County Lumber Co.....	6,317.62
Hoppe, H. B.....	17.50	Lindberg, Andrew.....	9.74
Horsley Brothers.....	45.00	Lindsay, Bennett.....	20.00
Houck & Hess.....	56.00	Lindsay, J. W.....	20.00
Houston, Thos.....	.75	Lindsay, S. G.....	5.00
Houston Lumber Co.....	250.00	Lininger, W. W.....	15.00
Hoy, J. M.....	1.25	Long, Chas.....	56.92
Hubbard, J. W.....	8.82	Longworth, H.....	5.12
Hudson, R. L., and J. M. Akin.....	6.65	Lopez, Manuel Roybaly.....	.40
Hughes, G. M.....	9.80	Los Angeles and Owens Valley R. R. Co.....	2.00
Hughes, H.....	14.04	Lyons, George R.....	25.00
Huhtala, Oskar.....	50.00	McAfee, Moroni, jr.....	16.00
Hulet, S. C., jr.....	.90	McBride, Rosabel B.....	27.00
Humphrey, Q. Perry.....	3.33	McCall, W. H.....	21.25
Hungerford, C. W.....	21.93		

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Refunds to depositors, excess of deposits, \$48,678.61"—Continued.

Name.	Amount.	Name.	Amount
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
McCarthy, Mike.....	\$15.00	Olson Lumber Co., John.....	\$50.00
McCauley, F. W.....	1.00	Osburn, A. H. and R. H. White.....	20.00
McDernuth, E. G.....	25.00	Ostrom, Chas.....	9.20
McDonald, John.....	9.15	Pacheco, Roman.....	5.25
McEuen, A. C.....	5.00	Pack, Fred.....	39.26
McFarling, Arthur.....	10.00	Pack, Fred and A. J.....	49.30
McGonegal, A. H.....	22.00	Pack, J. O. and Robert.....	64.38
McGovern, Michael.....	13.75	Painter, J. R.....	45.25
McGuinn, P. & G.....	5.00	Palmer, Mrs. Laura.....	9.00
McHatten & Murray.....	68.75	Pargin, Daniel D.....	15.00
McLeod, J. D.....	4.42	Pargin, Ed.....	6.25
McManus, Hugh.....	10.00	Parker, A.....	7.00
McPherson, Will L.....	2.00	Parker, Chas.....	30.50
Madera Sugar Pine Co.....	2,484.73	Parker, D. C.....	7.70
Maeda, F.....	15.17	Parker, W. J.....	20.00
Mahon, Thomas.....	17.20	Parsons, Robert.....	14.00
Mallory, M. E.....	19.50	Parsons, W. J.....	2.00
Mankins, Josephine.....	6.00	Pauly, Benjamin.....	2.46
Marcotte, Fred.....	19.07	Peake Bros.....	168.00
Marcum, L. W.....	72.00	Peebles, Mrs. D. L.....	2.00
Marhle & Goddard.....	61.80	Perea, Josema.....	6.40
Martin, Pleasant.....	14.35	Peters, R. H.....	25.00
Martinez, Daniel.....	6.50	Petersen, N. P.....	8.12
Martinez, Evaristo.....	99.00	Petty, H. A.....	28.34
Martinez, Jose H.....	.50	Phelps, L. G.....	58.00
Martinez, Lorenzo.....	25.50	Phillips, Chas. E.....	35.00
Masters, G. B.....	21.00	Piercion, C. O.....	198.75
Masters, R. A.....	20.50	Pino, Manuel S.....	260.00
Masters, T. E.....	21.00	Pitz, Henry.....	1.75
Mathews, E. J.....	80.00	Pollari, M. and Kainu J.....	8.17
Mattes, John G.....	27.95	Porter, Lewis J.....	50.00
Maxwell, F.....	.50	Potts & Sons, Wm.....	20.00
May, Martin.....	3.00	Powell, William B.....	250.00
Meek & Co., Nielson.....	385.00	Prestel, J. W.....	1,000.00
Meeks & Son, Wm.....	26.00	Prince, Wm.....	11.31
Menzel, Wm.....	20.30	Proctor, C. A.....	1.00
Mill Creek Power Co.....	150.00	Prost, Justin.....	56.25
Miller, C. C.....	2.50	Quayle, Alfonso.....	198.00
Miller, J. C.....	2.00	Quigley, F. M.....	2.10
Miller, J. L.....	5.00	Raff River Land and Live Stock Co.....	301.00
Miller, J. M.....	40.45	Raggi, Peter, Frank Raggi, adminis- trator.....	15.66
Miller, J. N.....	550.00	Ramer, George S.....	.30
Milne, A. T.....	5.75	Ranch Supply Co.....	500.00
Mines Management Syndicate Co.....	60.00	Rankin, Chas. W.....	3.50
Montez, J. D.....	29.45	Rankin, L.....	61.60
Montez, T. Q.....	10.00	Ranmael, Martin.....	15.00
Moon, W. A.....	114.16	Rasband, Wm. G.....	24.00
Moore, Allen T.....	72.00	Ready Pay Reduction Co.....	200.00
Mordy, John.....	14.00	Reed, Alphaeus.....	90.00
Morgan, J. H.....	6.33	Richardson, O. A.....	4.00
Morrell, Dale.....	3.19	Riddle, T. S.....	37.50
Morris, C. N.....	18.00	Riggs, J. D.....	1.36
Morris, J. F.....	2.00	Robbins, E. S.....	5.25
Morrow & Lemon.....	5.00	Robinson, Lee S.....	122.10
Morse, Robert L., and Robert R. Heston.....	2,550.00	Robinson, Milton.....	5.00
Morton, Leota.....	10.00	Robinson, W. H.....	4.18
Mount Union Consolidated Mining Co.....	27.46	Rogers, B. F.....	10.00
Muir, J. B., John E. Walsh, agent.....	25.60	Rohrbaugh, J. S.....	16.00
Murdock, James S.....	175.00	Roland, Wm.....	7.74
Myers, James H., Jr.....	50.05	Romero, Francisco.....	3.00
Nagiller, W. M.....	11.30	Rooker, J. W.....	48.00
National Forest Lumber Co.....	50.00	Rorvig, Nick.....	196.00
National Park Electric Co.....	8.68	Rosasco, Mrs. K. J.....	60.00
Natwick & Harris.....	50.00	Rosedale Mining and Milling Co.....	3.12
Neill, H. L.....	39.65	Ross Bros.....	250.00
Nelson, August.....	48.35	Rowe River Lumber Co.....	50.00
Nelson, Charley.....	1.25	Ruby Gulch Mining Co.....	2.00
Ness, Robert.....	2.75	Russell, Mrs. W. A.....	6.00
Neuber & Campbell.....	72.00	Russell & King.....	20.00
Nevada Company.....	34.40	Sadler, George W.....	100.00
Newton Lumber Manufacturing Co.....	50.00	Saginaw and Manistee Lumber Co.....	100.00
Norman, W. O.....	136.00	Salazar, Antonio.....	19.39
Nowacki, George.....	21.35	Salazar, Jose.....	5.60
Nunn, L. L.....	7.44	Salazar, Juan J.....	36.00
O'Dell, M. R.....	4.00	Saylor, Albert.....	5.00
Olds, D. and W. R. Thorigton.....	15.00	Schreiber, Henry.....	3.00

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Refunds to depositors, excess of deposits, \$48,678.61"—Continued.

Name.	Amount.	Name.	Amount.
<i>Refunds—Continued.</i>		<i>Refunds—Continued.</i>	
Sharp, C. H.....	\$4.00	Tripp, Seth.....	\$28.55
Schulz, C. C.....	160.00	Trumbo, J. F.....	35.00
Schulz, Otto A.....	304.00	Torgenson, H.....	7.23
Schwendimans, Fred.....	10.00	Townsend, W. H.....	14.00
Scott, George.....	100.00	Turner, Robert.....	14.00
Sedillo, Rafael.....	.55	Upchurch, George J.....	1.00
Servoss, Frank.....	75.00	Vacher, Chas. E.....	75.00
Shaffer, C. D.....	50.00	Vacher, Joseph V.....	105.00
Shaughnessy, Wm.....	21.27	Vacher, Leon.....	75.00
Shea, Tim.....	50.00	Vaill, B. E.....	350.00
Sheltons & Sons.....	35.00	Van Dickson, Jas.....	17.50
Sherman & Biggs.....	10.50	Vaughn, Mrs. M. L.....	1.10
Shoemaker, Nicholas.....	43.70	Venator, Fred C.....	84.00
Shrote, J. M.....	2.96	Venina, Rock.....	.35
Sierra Consolidated Gold Mining Co.....	167.33	Vestal, Viola F.....	2.70
Sierra Mining Co.....	5.00	Vigil, Mrs. B. Romio.....	.80
Silverton Lumber Co.....	450.00	Vigil, Max.....	4.50
Simmons, Eli T.....	150.00	Walker & Bratten.....	7.40
Simmons, Fred.....	26.24	Walker, John L.....	18.50
Simons, Frank.....	122.88	Wall, W. W., and W. G. Neiderbut.....	4.00
Simpson, T. J.....	12.50	Wallace, J. A.....	.30
Sims, Charles.....	22.50	Wallace, J. F.....	1.00
Smith, George F.....	10.00	Ward, A. S.....	.30
Smith, G. F., and Louis Fenno.....	386.98	Ward, G. W.....	100.00
Smith, Heber.....	25.00	Warrington, C. A.....	6.32
Smith, James.....	1.75	Wasatch Lumber Co.....	3,904.46
Smith Lumber Co., S. L.....	51.35	Washoe Copper Co.....	105.23
Smith, R. B.....	50.00	Waters, Byron.....	15.00
Smith, Thos. S.....	84.00	Weeks & Son, J. E.....	87.50
Smith & Wilson.....	8.60	Welch & Titsworth.....	8.00
Snider, D. N.....	16.50	Wells, Samuel.....	5.50
Sockersen, Alfred.....	14.00	Wells, W. A.....	90.52
Sodergreen, Oscar.....	90.00	Wenner, F. S.....	1.00
Spillman, L. T.....	17.56	West Gold Hill Mining Co.....	39.13
Springfield Shingle Co.....	550.00	Whiskey Creek Lumber Co.....	650.00
Stack-Gibbs Lumber Co.....	54.07	Whitcomb, R. P.....	5.00
Stalker, S. S.....	5.25	White, A. R.....	6.50
Stanislaus Electric Power Co.....	24.95	Whitehead, J. O.....	25.00
Starr, Robert J.....	50.00	Whitehead, Wm.....	125.00
Steele, B. V.....	5.62	Whiting, J. C.....	3.25
Stevens, Chas.....	20.00	Widdowson, T. L.....	9.50
Stevens, Ed. L.....	2.10	Wilcox, L. F.....	11.09
Stevens, Montague.....	12.80	Wilfley, R. H.....	15.00
Stewart, E.....	193.34	Wilkin, John & Fred B.....	507.21
Stiles, Chas.....	5.40	Willamette Valley and Cascade Mountain Wagon Road Co.....	50.00
Stockslager, C. O.....	58.50	Williams, Ed.....	50.00
Stoker, J. W.....	10.00	Williams, Frank.....	5.00
Stone, S. L.....	6.86	Williams, G. B. & W. W.....	37.80
Stratton, E. L.....	1.25	Williams, George.....	9.00
Strong, Frank.....	67.50	Williams, N. J.....	19.60
Sulzberger, Martin.....	14.70	Wilson, A. E.....	37.00
Swartz, Frank C.....	192.00	Wilson, Tunis V.....	9.92
Sweat, L. S.....	8.32	Wood Live Stock Co.....	390.00
Swigart, George S.....	10.00	Woodward, F. A.....	58.08
Sylvester, O. W.....	10.20	Woodward, H. T.....	4.13
Taylor, John G.....	197.40	Woodward, S. N.....	25.00
Teaford, George.....	1.25	Wolf, J. A.....	120.00
Teas, Chas. H.....	49.08	Yavapai Consolidated Gold, Silver, Copper Co.....	33.00
Terry, Reuben.....	50.00	Yegen, Christian.....	300.00
Thomas, Frank B.....	.45	Yellowstone Valley Land and Irrigation Co.....	168.00
Thomas & Sanders.....	53.00	Young, Abe.....	25.60
Thompson, A. J.....	2.95	Young, V. A.....	2.00
Thompson, A. O.....	2.95	Zumwalt, N. A.....	8.75
Thompson, Joseph.....	1.00		
Thompson Bros.....	2.45		
Throckmorton, Daniel.....	1.00		
Topliff, Myron.....	50.00		
Topliff, M.....	9.16		
Tower, J. F.....	2.50		
		Total.....	48,678.61

Total amount of appropriation..... \$48,678.61  
 Total amount paid for refunds..... 48,678.61

*Refunded to depositors in 1909*

53427

54,026.68

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cooperative work, forest investigations, \$23,520.52."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Uhlen, Wm. S.	Lumberman, at \$1,500.	\$500.00	
Woodward, Karl W.	Forest assistant and forest examiner, at \$1,600.	1,066.66	\$350.52
Sherfese, W. F.	Forest assistant, assistant chief, office of wood preservation, and chief, office of wood preservation, at \$1,500.	125.00	19.55
Weiss, Howard F.	Forest assistant and chief secretary of research, at \$1,500.	595.83	283.69
Newlin, John A.	Engineer timber tests, at \$1,400.	170.27	12.23
Gessert, George R.	Testing assistant, at \$800.	76.69	
Myers, Carl E.	Laboratory assistant in timber testing, at \$600.	50.00	
Sutermester, Edwin.	Expert, at \$1,500.	250.00	
Bateman, Ernest.	Expert, at \$1,200.	100.00	
Paine, Paul M.	Expert, at \$1,000.	166.66	152.33
Holmes, J. S.	Forest assistant and forest examiner, at \$1,500.	500.00	253.82
Nelson, John M., jr.	Forest assistant, at \$1,500.	1,350.00	570.70
Mell, Clayton D.	Forest assistant, at \$1,400.	116.67	
Patterson, Allan B.	Forest assistant, at \$1,300.	108.33	18.04
Swan, O. T.	do.	958.34	205.08
Moore, S. L.	Forest assistant and inspector, at \$1,200.	200.00	70.35
Bradfield, Wesley.	Forest assistant, at \$1,200.	300.00	256.03
Kempfer, W. H.	do.	355.63	370.03
Piper, Wm. Bridge.	do.	400.00	235.10
Sackett, H. S.	do.	200.00	
Benedict, J. St. J.	Forest assistant, at \$1,000.	249.99	54.08
Foster, John H.	do.	416.67	204.78
Pond, Russell G.	do.	53.33	70.40
MacMurray, R. M.	do.	166.66	104.80
Murphy, Louis S.	do.	333.32	121.45
Tompkins, Frank.	Forest agent, at \$1,000.	166.66	63.30
Bentley, John, jr.	Forest agent, at \$900.	75.00	105.30
Paul, Herbert A.	Forest agent, at \$800.	399.99	476.99
Sawyer, George E.	Forest agent, at \$720.	240.00	
Kearney, George S.	Forest agent, at \$600.	100.00	33.40
Total.		9,821.70	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cooperative work, forest investigations, \$23,520.52."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Alamagordo Lumber Co.	\$32.85	Erwin, S. H.	\$26.00
Auchincloss Bros.	33.33	Everett Pulp and Paper Co.	14.45
Baker Iron Works.	200.00	Flint, Lynn Lumber Co.	5.72
Barrett-Hicks Co.	9.09	Forrestell & Heilman.	45.88
Barrett Manufacturing Co.	210.00	Frick Coke Co., H. C.	15.50
Beatty, Jas. A.	11.55	Gardner, Robt. H.	12.00
Bellman, F. B.	32.50	Goatley, G. A.	15.00
Benning, Wm.	123.00	Good, George.	56.00
Blackfoot Commercial Co.	888.04	Groom, Richard.	128.00
Brown, J. B.	51.50	Hammel, C. C.	20.00
Burroughs, W. F.	50.00	Hammel Oil Burner Co.	55.00
Byrd, Francis O.	28.00	Harper & Reynolds Co.	40.13
Carter, S. R.	9.36	Hart, Walter.	115.00
Cleveland-Cliffs Iron Co.	16.92	Henderson, C. Hanford.	14.16
Clyde, Wm. F.	15.45	Hobart, L. E.	40.37
Coates, H. C.	13.00	Horn, J. H.	39.06
Coleman Lake Club.	8.80	Jones, H. S.	15.62
Delaware, Lackawanna and Western		Kearney, George S.	233.00
R. R. Co.	54.20	Kilduff, E. G.	41.56
Dixville Notch Corporation.	6.99	Lang, Herman.	78.00
Dulany Estate.	11.15	Loines, Stephen.	53.73
Edison Electric Co.	145.90	Law Moor Iron Co. of Virginia.	29.56

## FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Cooperative work, forest investigations, \$23,520.52"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
McCay, H. B.	\$39.56	Northern Express Co.	\$7.25
McGowan Commercial Co.	5.60	<i>Travel and station and field expenses.</i>	
Mackay, C. H.	19.17	Barnum, C. T.	62.90
Malcom, C. T.	16.00	Benedict, J. St. J.	54.08
Mantle, Edward F.	68.00	Bentley, John, jr.	105.30
Marine Hardware Co.	15.98	Bradfield, Wesley.	256.03
Marine Supply and Manufacturing Co.	36.00	Crowell, Lincoln.	35.33
Maybury, W. G.	40.40	Detwiler, S. B.	21.20
Mead Pulp and Paper Co.	22.75	Eastman, H. B.	179.78
Morrell, Chas. T.	228.75	Foster, John Harold.	204.78
Northern Pacific Ry. Co.	52.26	Foster, Harold Day.	130.95
O'Toole, Michael C.	2.00	Harris, P. T.	8.60
Pike, E. Bertram.	76.91	Holmes, J. S.	253.82
Potter, Mrs. Henry C.	114.57	Humphry, C. J.	20.02
Princess Furnace Co. (Incorporated)	6.25	Hunt, Loren E.	16.07
Pumpelly, Raphael.	12.71	Kearney, George S.	33.40
Reed, Chas. A.	16.75	Kempfer, W. H.	370.03
Rice, H. B.	8.00	Kupfer, Carl A.	25.00
San Joaquin Light and Power Co.	78.07	MacMurray, R. M.	104.80
Scott, T. C.	12.50	Mackaye, Benton.	96.16
Shore, Newcorn Co.	89.81	Moore, S. L.	70.35
Smith, James.	68.00	Murphy, Louis S.	121.45
Stout-Greer Lumber Co.	70.66	Nelson, John M., jr.	570.70
Taylor, John B.	88.33	Newlin, J. A.	12.23
Taylor, R. D.	12.75	Paine, Paul M.	152.33
Thieme, Fred E.	38.33	Patterson, A. B.	18.04
Tucker, L. E.	155.19	Paul, H. A.	476.99
Turner, S. C.	186.25	Peck, A. S.	22.26
Union Consolidated Refining Co.	30.00	Peters, J. G.	25.55
Vandarwarka, O. D.	122.40	Pfaender, Max.	54.86
Waldbillig, G. H.	195.00	Piper, William Bridge.	235.10
Waldbillig, J. J.	1,208.25	Pond, Russell G.	70.40
Warner, George.	122.50	Record, Samuel J.	59.75
White, I. E.	106.75	Sawyer, George E.	119.47
Williams & Co., Frank.	33.51	Sherfese, W. F.	19.55
Williamson, Tom.	11.00	Swan, O. T.	205.08
Wilmington Transportation Co.	125.00	Tompkins, Frank.	63.30
Total	6,586.27	Von Bayer, W. H.	83.63
<i>Freight.</i>		Weigle, W. G.	69.11
Atchison, Topeka and Santa Fe Ry.		Weiss, Howard F.	283.69
Co. Coast Lines.	223.29	Wheaton, W. R.	520.72
San Joaquin Light and Power Co.	2.93	Woodward, Karl W.	350.52
Total	226.22	Total	5,583.33

Total amount of appropriation.	\$23,520.52
Total expenditures under above groups.	\$22,224.77
Advance to R. H. Charlton, temporary special disbursing agent.	1,296.50
	23,521.27
Repayment to credit of appropriation.	.75

## FOREST SERVICE—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, \$24,142.86."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bruce, Eugene T.....	Expert lumberman, at \$3,000.....	\$1,500.00	\$563.16
Hall, Wm. L.....	Assistant forester, at \$3,000.....	1,250.00	916.81
Chittenden, A. K.....	Forest inspector, at \$2,000.....	1,273.34	321.09
Kellogg, R. S.....	Chief of wood utilization, at \$2,000.....	166.67	52.27
Akerman, Alfred.....	Forest assistant, at \$1,800.....	445.00	185.06
Mulford, Walter.....	Forest expert, at \$1,800.....	490.00	549.90
Ashe, W. W.....	Forest assistant, at \$1,500.....	675.00	260.25
Total.....		5,800.01	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, \$24,142.86"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field expenses—Continued.</i>	
Ayres, Philip W.....	\$206.00	Besley, F. W.....	\$78.24
Gleason, L. C.....	1,650.00	Bruce, Eugene S.....	563.16
U. S. Geological Survey.....	6,001.68	Chittenden, A. K.....	321.09
Total.....	7,857.68	Hall, Wm. L.....	916.81
<i>Travel and station and field expenses.</i>		Kellogg, R. S.....	52.27
Akerman, Alfred.....	185.06	Mulford, Walter.....	549.90
Ashe, W. W.....	260.25	Total.....	2,926.78
Total amount of appropriation.....			\$24,142.86
Total expenditures under above groups.....			16,584.47
Unexpended balance.....			7,558.39

## RECAPITULATION.

Statutory salaries.....	141,879.08
Lump-fund salaries:	
In Washington.....	455,208.84
Outside of Washington.....	1,576,398.92
Stationery.....	61,502.53
Miscellaneous supplies and services, equipment, books, machinery, etc.....	731,176.17
Furniture.....	43,950.53
Fuel.....	1,302.11
Freight.....	9,755.28
Express.....	3,715.85
Telegraph.....	5,786.66
Telephone.....	5,176.07
Rent.....	53,214.36
Gas and electricity.....	1,144.63
Apparatus, instruments, and laboratory material.....	31,566.15
Travel and station and field expenses.....	299,050.27
Total for entire Forest Service.....	3,420,827.45
Advance to temporary disbursing agents.....	\$63,985.21
Refunds to depositors, excess of deposits.....	48,678.61
Refunds, Uinta Indians.....	8,185.70
Refunds, 10 per cent to States.....	160,364.60
	281,214.12
Total expenditures for entire Forest Service.....	3,702,041.57
Total of all appropriations.....	3,759,086.46
Total expenditures as above.....	3,702,041.57
Unexpended balance.....	57,044.89
Repayments to credit of appropriations.....	9.00
Net unexpended balance on September 30, 1908.....	57,053.89
Outstanding liabilities on September 30, 1908 (estimated).....	41,964.30
Balance to be turned back in Treasury (estimated).....	15,089.59

## PROJECTS.

The principal projects conducted by the Forest Service during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## General administration:

## Forester and Associate Forester—

Salaries.....	\$19, 104. 10	
Travel and other expenses.....	3, 696. 54	
		\$22, 800. 64

## Branch of grazing—

Salaries.....	3, 665. 33	
Travel and other expenses.....	778. 00	
		4, 443. 33

## Branch of silviculture—

Salaries.....	4, 074. 45	
Travel and other expenses.....	1, 258. 81	
		5, 333. 26

## Branch of products—

Salaries.....	3, 720. 84	
Travel and other expenses.....	243. 65	
		3, 964. 49

## Branch of operation—

Salaries.....	6, 173. 32	
Travel and other expenses.....	1, 760. 48	
		7, 933. 80

Total for general administration.....		44, 475. 52
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## Forest law:

## Legal work in connection with matters affecting the Forest Service—

Salaries.....	13, 201. 40	
Travel and other expenses.....	2, 185. 52	
		15, 386. 92

## Dendrological studies:

## Investigation of the distribution of trees and forests and the identification of trees and woods—

Salaries.....	9, 972. 00	
Travel, field, and station expenses.....	1, 446. 41	
		11, 418. 41

## Forest information:

## The planning of the lines along which the Forest Service makes known to the public the practical results of its work and the supplying of information for publication—

Salaries.....	7, 438. 34	
Travel and other expenses.....	1, 492. 29	
		8, 930. 63

## General supervision of forest work in office and field:

## Office of control of grazing—

Salaries.....	2, 796. 67	
Travel and field expenses.....	727. 92	
		3, 524. 59

## Office of development of grazing—

Salaries.....	4, 265. 00	
Travel and field expenses.....	2, 589. 70	
		6, 854. 70

## Office of forest extension—

Salaries.....	3, 400. 00	
Travel and field expenses.....	723. 22	
		4, 123. 22

## Office of silvics: Salaries.....

## Office of forest management—

Salaries.....	5, 337. 51	
Travel and field expenses.....	3, 119. 29	
		8, 456. 80

## General supervision of forest work in office and field—Continued.

Office of wood preservation—		
Salaries.....	\$5, 112. 49	
Travel and other expenses.....	1, 224. 53	
		\$6, 337. 02
Office of wood utilization—		
Salaries.....	3, 996. 50	
Travel and other expenses.....	950. 00	
		4, 946. 50
Office of publication—		
Salaries.....	3, 423. 06	
Travel expenses.....	561. 75	
		3, 984. 81
Office of accounts—		
Salaries.....	2, 842. 78	
Travel expenses.....	810. 61	
		3, 653. 39
Office of lands—		
Salaries.....	3, 633. 33	
Travel and field expenses.....	1, 217. 04	
		4, 850. 37
Office of engineering—		
Salaries.....	7, 018. 64	
Travel and field expenses.....	3, 565. 93	
		10, 584. 57
Office of organization—		
Salaries.....	12, 446. 53	
Travel and field expenses.....	17, 070. 15	
		29, 516. 68
Office of maintenance—		
Salaries.....	1, 758. 34	
Travel expenses.....	196. 15	
		1, 954. 49
Total for supervision.....		91, 478. 81

## Inspection of work upon the National Forests:

<i>District 1.</i> —Montana, northern Wyoming, northern Idaho, northeastern Washington, and northwestern South Dakota—		
Salaries.....	7, 055. 00	
Travel, field, and station expenses.....	3, 497. 28	
Rent of headquarters, Missoula, Mont.....	300. 00	
		10, 852. 28
<i>District 2.</i> —Colorado, southeastern Utah, Nebraska, South Dakota, western Kansas, southern Wyoming, northwestern Minnesota—		
Salaries.....	8, 111. 12	
Travel, field, and station expenses.....	4, 568. 08	
Rent of headquarters, Denver, Colo.....	450. 00	
		13, 129. 20
<i>District 3.</i> —Arizona, Arkansas, New Mexico, and Oklahoma—		
Salaries.....	7, 303. 32	
Travel, field, and station expenses.....	5, 258. 56	
Rent of headquarters, Albuquerque, N. Mex.....	360. 00	
		12, 931. 88
<i>District 4.</i> —Utah, southern Idaho, western Wyoming, eastern Nevada, and northwestern Arizona—		
Salaries.....	8, 304. 44	
Travel, field, and station expenses.....	4, 414. 50	
Rent of headquarters, Salt Lake City, Utah.....	420. 00	
		13, 138. 94
<i>District 5.</i> —California and southwestern Nevada—		
Salaries.....	11, 982. 49	
Travel, field, and station expenses.....	6, 335. 61	
Rent of headquarters, San Francisco, Cal.....	720. 00	
		19, 038. 10

## Inspection of work upon the National Forests—Continued.

<i>District 6.</i> —Washington, Oregon, a small portion of northern California, and Alaska—		
Salaries.....	\$7,786.67	
Travel, field, and station expenses.....	3,923.79	
Rent of headquarters, Portland, Oreg.....	210.00	
		\$11,920.46
Total for inspection.....		81,010.86
Appalachian and White Mountain survey and report:		
Salaries.....	5,355.01	
Travel and other expenses.....	10,571.69	
		15,926.70
Allotment (the division of the National Forests into grazing districts, fixing of grazing periods and fees):		
Salaries.....	1,900.00	
Travel and field expenses.....	1,410.80	
		3,310.80
Adjustment (the settlement of controversies over grazing permits and adjustment of matters pertaining to grazing trespasses):		
Salaries.....	966.66	
Travel and field expenses.....	849.79	
		1,816.45
Permits (the conduct of all business relating to grazing permits, amendments and cancellations, refunds, grazing bonds, and advertisements):		
Salaries.....	3,563.62	
Travel and field expenses.....	224.76	
		3,788.38
Forage (the study of National Forest forage plants and investigations of best methods for their use):		
Salaries.....	5,604.16	
Travel and field expenses.....	4,313.38	
		9,917.54
Water (the improvement of springs and natural watering places, construction of windmills, reservoirs, and tanks for stock watering purposes on National Forests):		
Salaries.....	1,430.00	
Travel and field expenses.....	1,114.10	
		2,544.10
Forest planting (plans for tree planting on National Forests and assistance to local forest officers in carrying them out):		
Salaries.....	5,649.99	
Travel, field, and station expenses.....	6,565.60	
		12,215.59
Reconnaissance (special studies preliminary to tree planting on National Forests and in cooperation with private owners on private lands):		
Salaries.....	3,266.66	
Travel, field, and station expenses.....	2,237.71	
		5,504.37
Cooperative work (preparation of planting plans for private owners, assisting by correspondence in establishing forest plantations, experimental planting in cooperation with state educational institutions):		
Salaries.....	5,083.08	
Travel, field, and station expenses.....	1,955.79	
\$304.09 paid from contributions.		
		7,038.87
Studies of state forest resources and of practicable methods of managing the forest lands of private owners:		
Salaries.....	11,612.56	
Travel and field expenses.....	11,078.45	
\$12,720.04 paid from contributions.		
		22,691.01
Wood preservation studies and experiments, railroad and mine timbers:		
Salaries.....	2,794.38	
Travel, field, and station expenses.....	8,506.75	
\$5,846.75 paid from contributions.		
		11,301.13

National forest timbers:		
Salaries.....	\$2,343.61	
Travel, field, and station expenses.....	5,892.79	
\$667.53 paid from contributions.		\$8,236.40
Wood preservation researches:		
Salaries.....	1,095.83	
Travel, field, and station expenses.....	5,444.46	
		6,540.29
Farm timber treatments:		
Salaries.....	4,618.07	
Travel, field, and station expenses.....	1,820.87	
\$825.29 paid from contributions.		6,438.94
Wood utilization timber tests:		
Salaries.....	19,820.34	
Travel, field, and station expenses.....	9,085.51	
\$2,075.30 paid from contributions.		28,905.85
Fire lines on national forests.....		118.34
Paid entirely from contributions.		
Drafting of forest maps: Salaries.....		33,815.99
Wood uses (special studies of mechanical properties and commercial utilization of woods, market conditions, and the collection and compilation of statistics of forest products):		
Salaries.....	8,920.00	
Travel and field expenses.....	4,815.38	
		13,735.38
Articles (the preparation of miscellaneous papers on forest subjects and of the monthly field programme):		
Salaries.....	2,950.00	
Other expenses.....	261.10	
		3,211.10
Education on forest subjects; preparation of material for use in instruction in forestry (addresses):		
Salaries.....	3,508.17	
Travel and other expenses.....	3,152.62	
		6,660.79
Review of all manuscripts for publication by the Forest Service: Salaries.....		
	1,750.00	1,750.00
Distribution of all forest publications:		
Salaries.....	1,500.00	
Other expenses.....	155.80	
		1,655.80
Printing (the seeing of all forms and publications through the press and proof reading):		
Salaries.....	1,741.66	
Cost of field printing.....	7,150.00	
		8,891.66
Accounts (receiving, mailing, and filing):		
Salaries.....	1,303.33	
Appointment record (salaries).....	2,441.67	
Receipts record (salaries).....	5,950.84	
Audit of vouchers (salaries).....	16,278.34	
Bookkeeping and accounting statistics (salaries).....	13,353.06	
		39,327.24
Boundaries (the examination of lands for proposed national forests, for additions to and eliminations from existing forests and the examination of agricultural lands under the act of June 11, 1906):		
Salaries.....	38,886.92	
Travel and field expenses.....	25,996.49	
		64,883.41
Silvical field studies:		
Salaries.....	8,282.56	
Travel and field expenses.....	5,970.27	
		14,252.83
Forest library: Salaries.....		
		3,781.93

Compilation and classification of silvical data:		
Salaries.....	\$1,500.00	
Travel and field expenses.....	307.56	
		\$1,807.56
Federal cooperative work:		
Salaries.....	3,863.35	
Travel and field expenses.....	2,956.03	
		6,819.38
Logging supervision—National forests:		
Salaries.....	44,638.84	
Travel and field expenses.....	22,639.06	
		67,277.90
Reconnaissance (studies of the timber which may be cut on national forests and under what methods, so as to use fully the timber resources and maintain a future supply):		
Salaries.....	9,324.07	
Travel and field expenses.....	7,619.20	
		16,943.27
Atlas (the collecting and recording upon maps upon data concerning national forests and their use):		
Salaries.....	9,951.67	
Travel and field expenses.....	8,853.35	
		18,805.02
Turpentine orcharding experiments:		
Salaries.....	900.00	
Field and station expenses.....	2,805.92	
		3,705.92
Wood chemistry (studies and experiments with a special view to the utilization of waste woods; wood distillation and chemistry of wood products):		
Salaries.....	9,727.11	
Travel, field, and station expenses.....	4,935.13	
		14,662.24
Computing and stating of forest measurements:		
Salaries.....	12,097.47	
Travel and field expenses.....	504.24	
		12,601.71
Settlement (the handling of agricultural settlement within the national forests):		
Salaries.....	7,308.32	
Travel and field expenses.....	61.25	
		7,369.57
Claims (the investigation of claims to lands within the national forests to ascertain the natural character of the lands and to assist claimants in perfecting their claims):		
Salaries.....	17,795.36	
Travel and field expenses.....	16,954.91	
		34,750.27
Status (the examination of the records of the General Land Office to determine the public, state, or private ownership of lands within national forests):		
Salaries.....		11,348.62
Uses (supervision of the granting of permits for the occupancy and use of lands in the national forests):		
Salaries.....	9,220.27	
Travel and field expenses.....	242.20	
		9,462.47
Field supervision of permanent improvement work on the national forests:		
Salaries.....	17,226.08	
Travel and field expenses.....	12,438.99	
		29,665.07

Administration, protection, and improvement of the national forests:	
Salaries.....	\$1,446,988.11
Travel, field, and station expenses.....	176,040.98
Permanent improvement work.....	549,312.75
Fire fighting.....	11,456.31
	<hr/> \$2,183,798.15
General stenography and typewriting (salaries).....	20,991.68
Receiving and distributing mail (salaries).....	2,700.00
Maintenance of files and mailing list (salaries).....	29,543.60
Property audit and record (salaries).....	3,203.62
Quarters (messenger service, watchmen, charwomen, and laborers):	
Salaries.....	20,940.35
Rent in Washington.....	30,166.91
Maintenance and supplies.....	7,092.15
	<hr/> 58,199.41
Photographic work (all laboratory work in photography in the Forest Service):	
Salaries.....	7,347.67
Equipment of photo laboratory.....	2,426.31
Photographic supplies.....	7,005.33
	<hr/> 16,779.31
General supplies:	
Office furniture and equipment.....	80,041.56
Stationery and expendable office supplies.....	76,899.73
Field equipment and supplies.....	56,710.58
Field instruments.....	42,325.87
Law books.....	498.05
Field libraries.....	1,998.05
	<hr/> 258,473.84
Purchase, care, and distribution of field and office supplies, equipment, and instruments:	
Salaries.....	15,303.84
Field and station expenses.....	1,925.11
Rent of field depot.....	1,799.03
	<hr/> 19,027.98
Miscellaneous:	
Telegrams.....	6,968.41
Telephone messages.....	1,250.00
Freight charges.....	9,364.83
Express.....	3,626.23
Advertising timber sales, etc.....	5,300.00
	<hr/> 26,509.47
Total for administrative purposes, fiscal year 1908.....	3,444,908.10
Paid from no year appropriations on account of liabilities incurred in the fiscal year 1907:	
Administration and protection of Forest Reserves.....	80,166.58
Survey and report on Appalachian and White Mountain watershed.....	739.10
Cooperative work forest investigations.....	103.04
	<hr/> 81,008.72
Total expenditures for administrative purposes.....	3,525,916.82
Returns to States, 10 per cent of receipts from sale of timber, grazing, and other fees.....	160,364.60
Refunds to depositors, excess deposits, timber sales, etc.....	48,678.61
Refund to Uinta Indians on account of timber sales on the Uinta Indian Reservation.....	8,185.70
Refunds of unexpended balances of cooperative funds.....	860.14
	<hr/> 218,089.05
Grand total.....	3,744,005.87

Paid from appropriations as follows:

Salaries, Forest Service.....	\$141,879.08
General expenses, Forest Service.....	1,724,093.79
Administration, etc., national forests, 1907-1908.....	118,504.66
Administration, etc., national forests, 1908 <sup>a</sup> .....	366,800.80
Administration, etc., forest reserves <sup>a</sup> .....	1,261,970.64
Refunds to depositors, etc.....	48,678.61
Survey and report Appalachian and White Mountain watersheds..	16,584.47
Cooperative work, forest investigations.....	23,520.52
Total payments.....	3,702,041.57
Liabilities outstanding estimated.....	41,964.30
Grand total.....	3,744,005.87
Unexpended balances.....	15,080.59
Total of all appropriations.....	3,759,086.46

## BUREAU OF CHEMISTRY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Bureau of Chemistry, 1908, \$47,920."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wiley, H. W.....	Chief of bureau, at \$5,000.....	\$5,000.00	\$574.50
Linton, Fred. B.....	Chief clerk, at \$1,600.....	1,600.00	
Pierce, A. L.....	Clerk, class 4.....	1,725.00	
Read, M. T.....	do.....	75.00	
Baker, Alice L.....	Clerk, class 3.....	1,466.66	
Eckman, Ethel.....	do.....	124.45	
Pierce, A. L.....	do.....	66.67	
Shibley, Jas. G.....	do.....	1,533.33	
Coleman, Jay G.....	Clerk, class 2.....	1,291.11	
Dallas, Marie L.....	do.....	108.89	
Grayson, Mary C.....	do.....	1,221.11	
Shibley, Jas. G.....	do.....	58.33	
Parkinson, Nellie A.....	do.....	1,400.00	
Walters, Harry H.....	do.....	1,400.00	
Coleman, Jay G.....	Property clerk, at \$1,600.....	124.45	
Eckman, Ethel.....	do.....	1,368.89	
Dallas, Marie L.....	Clerk, class 1.....	1,106.68	
Lewis, Elizabeth B.....	do.....	93.33	
Emmons, Marion T.....	do.....	1,046.67	
Grayson, Mary C.....	do.....	153.33	
Moore, Mary D.....	do.....	1,200.00	
Nordeman, Agnes M.....	do.....	1,200.00	
Olson, Herman E.....	do.....	1,200.00	
Proctor, Mary F.....	do.....	1,200.00	
Shipe, Laura F.....	do.....	1,036.67	
Emmons, Marion T.....	Clerk, at \$1,000.....	127.77	
Kline, Helen M.....	do.....	872.23	
Lewis, Elizabeth B.....	do.....	397.22	
Shuman, Ursula.....	do.....	77.78	
Wood, Myrtle J.....	do.....	500.00	
Pastle, Stuart A.....	do.....	569.44	
Paulson, Fannie E.....	do.....	347.22	
Phillips, Maud.....	do.....	863.90	
Shipe, Laura F.....	do.....	136.11	
Pray, Oliver F.....	do.....	541.67	
Pritchett, Kathryn.....	do.....	458.33	
Duvall, Louise.....	Library clerk, at \$900.....	402.50	
Whitall, Mary L.....	do.....	262.50	
Strong, Jacob.....	Assistant property custodian, at \$900.....	900.00	
Eckman, Lula L.....	Clerk, at \$900.....	427.50	
Lewis, Elizabeth B.....	do.....	285.00	
Stickney, Emily G.....	do.....	187.50	
Gladmon, Percy L.....	do.....	512.50	
Kline, Helen M.....	do.....	115.00	

<sup>a</sup> Includes amounts advanced to temporary special disbursing agents.

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Bureau of Chemistry, 1908, \$47,920"—Continued.*

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pastle, Stuart A. ....	Clerk at \$900. ....	\$250. 00	.....
Lambert, May A. ....	do. ....	592. 50	.....
Pitts, Virginia E. ....	do. ....	197. 50	.....
Phillips, Cecelia D. ....	do. ....	450. 00	.....
Schieber, Caroline C. ....	do. ....	427. 50	.....
Phillips, Maud. ....	do. ....	122. 50	.....
Warder, Nannie. ....	do. ....	762. 50	.....
Shuman, Ursula. ....	do. ....	760. 00	.....
Skinner, Laura A. ....	do. ....	70. 00	.....
Riggles, Thomas. ....	Engineer, at \$1,200. ....	1, 200. 00	.....
Gantt, John E. M. ....	Messenger, at \$840. ....	840. 00	.....
Johnson, Martin A. ....	do. ....	840. 00	.....
Chick, Thomas. ....	Skilled laborer, at \$720. ....	720. 00	\$790. 93
Cohen, Joseph. ....	do. ....	360. 00	.....
Guasp, Ignacio. ....	do. ....	360. 00	.....
Dugan, Mary A. ....	do. ....	720. 00	.....
Brown, Horace. ....	Skilled laborer, at \$600. ....	600. 00	.....
Kirksey, Wm. ....	Fireman, at \$600. ....	550. 00	.....
Moffitt, Archie W. ....	do. ....	50. 00	.....
George, Sadie A. ....	Messenger and laborer, at \$480. ....	480. 00	.....
Gerard, Missouri. ....	do. ....	450. 00	.....
Ryon, Lillie. ....	do. ....	480. 00	.....
Cohen, Joseph. ....	Messenger, at \$420. ....	210. 00	.....
Sherfy, Robt. E. ....	do. ....	210. 00	.....
De Atley, Phoebe. ....	do. ....	385. 00	.....

Total amount of appropriation ..... \$47, 920. 00

Total amount paid for salaries ..... 46, 902. 24

Unexpended balance ..... 1, 017. 76

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bigelow, Willard D. ....	Assistant chief, at \$3,500. ....	\$3, 500. 00	\$894. 11
Dunlap, Frederick L. ....	Associate chemist, at \$3,500. ....	3, 500. 00	430. 37
Campbell, Walter G. ....	Chief inspector, at \$2,250 and \$2,500. ....	2, 375. 00	695. 39
Tolman, Lucius M. ....	Chief, laboratory, at \$3,000. ....	3, 000. 00	626. 52
Browne, Chas. A., jr. ....	Chief, laboratory, at \$2,750. ....	802. 08	10. 58
Haywood, John K. ....	do. ....	2, 750. 00	263. 13
Kebler, Lyman F. ....	Chief, laboratory, at \$2,750 and \$3,000. ....	2, 875. 00	627. 21
Patrick, Geo. E. ....	Chief, laboratory, at \$2,500. ....	2, 500. 00	86. 94
Veitch, Fletcher P. ....	do. ....	2, 500. 00	154. 15
Walker, Percy H. ....	do. ....	2, 500. 00	126. 85
Howard, Burton J. ....	Chief, laboratory, at \$2,250. ....	2, 250. 00	42. 00
Moore, Chas. C., jr. ....	do. ....	2, 243. 75	233. 40
Chace, Edw. McK. ....	Assistant chief of laboratory, at \$2,500. ....	2, 500. 00	1, 328. 51
Le Clerc, J. Arthur. ....	Acting chief of laboratory, at \$2,500. ....	2, 500. 00	531. 35
Salant, Wm. ....	Expert pharmacologist, at \$2,500. ....	111. 11	23. 45
Stiles, G. W., jr. ....	Bacteriological chemist, at \$2,000. ....	2, 000. 00	368. 87
Chamberlain, Jos. S. ....	Physiological chemist, at \$2,000. ....	2, 000. 00	100. 13
Weber, Frederick C. ....	do. ....	2, 000. 00	.....
Cook, Frank C. ....	Physiological chemist at \$1,800. ....	1, 800. 00	94. 70
Brown, Ernest W. ....	Assistant, at \$1,800 and \$2,000. ....	894. 99	.....
Gore, Hertert C. ....	Scientific assistant, at \$1,800. ....	1, 800. 00	667. 66
Warner, Harry J. ....	do. ....	1, 380. 00	.....

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Boyle, Martin	Scientific assistant, at \$1,600	\$1,600.00	
Hoover, Geo. W.	do.	1,600.00	\$107.18
McDonnell, Curtis C.	Scientific assistant, at \$1,600 and \$1,800	1,755.55	29.35
Schreier, John H. A.	Scientific assistant, at \$1,600	1,600.00	
Dyer, Don C.	Scientific assistant, at \$1,500 and \$1,600	1,336.40	131.11
Given, Arthur	Scientific assistant, at \$1,400	1,400.00	61.21
Goodnow, Edw. H.	do.	1,225.00	
Keister, John T.	do.	1,400.00	82.30
Leavitt, Sherman	do.	1,400.00	
Parker, Chas. E.	Scientific assistant, at \$1,400 and \$1,600	1,500.00	73.03
Rector, Frank L.	Scientific assistant, at \$1,400	1,400.00	
Taylor, Mary W.	Scientific laboratory assistant, at \$1,400	1,400.00	110.78
Altrech, Max C.	Scientific assistant, at \$1,200 and \$1,400	1,300.00	330.28
Amoss, Harold L.	do.	1,300.00	
Bailey, Lorin H.	Scientific assistant, at \$1,200	1,200.00	
Donk, Marion G.	Scientific assistant, at \$1,200 and \$1,400	1,366.67	
Goodrich, Chas. E.	Scientific assistant, at \$1,200	1,200.00	
Houghton, Harry W.	do.	1,200.00	
Rupp, Philip	do.	200.00	
Young, Wm. J.	do.	1,200.00	56.00
Dodge, Cleon O.	Scientific assistant, at \$1,000 and \$1,200	1,196.11	245.45
Dunbar, Paul B.	do.	1,022.23	50.90
Morgan, F. P.	do.	752.78	
Murray, Alex. G.	do.	1,098.32	
Roark, Ruric C.	Assistant chemist, at \$1,000	77.78	
Shively, Rex	Scientific assistant, at \$1,000	77.78	
Wilson, Clarence P.	do.	738.90	51.14
Smith, Fred G.	Scientific assistant, at \$900	287.50	40.80
Lichti, Emmet I.	Scientific assistant, at \$840 and \$1,000	309.45	
Stephenson, Chas. H.	Scientific assistant, at \$840	471.33	
Trescott, Thomas C.	Assistant chemist, at \$2,500	2,500.00	
Bryan, A. Hugh	Assistant chemist, at \$1,800	1,800.00	486.96
Chestnut, V. K.	do.	1,490.00	119.97
Emery, Wm. O.	do.	1,730.00	
Mory, A. V. H.	do.	485.00	197.34
Smither, Frederick W.	Assistant chemist, at \$1,600 and \$1,800	1,766.66	
Fox, Paul J.	Assistant chemist, at \$1,500	291.67	
Hart, Benj. R.	do.	704.17	127.53
Morgan, Jerome J.	do.	437.50	
Balcom, R. Wilfred	Assistant chemist, at \$1,400 and \$1,600	583.33	230.38
Boughton, Everett W.	Assistant chemist, at \$1,400	1,396.11	
Liepsner, F. W.	do.	910.00	140.05
Sammet, C. Frank	do.	1,400.00	103.25
Bailey, Herbert S.	Assistant chemist, at \$1,200 and \$1,400	1,300.00	108.80
Feldstein, Leonard	Assistant chemist, at \$1,200	176.67	
Fuller, Henry C.	Assistant chemist, at \$1,200 and \$1,400	1,352.77	51.23
Holman, Herbert P.	Assistant chemist, at \$1,200	273.33	8.95
Kimberly, Chas. H.	Assistant chemist, at \$1,200, \$6 per diem, and \$1,800	769.70	21.95
McNeil, Hiram C.	Assistant chemist, at \$1,200 and \$1,400	1,350.00	
Spencer, Geo. Carl	Assistant chemist, at \$1,200	933.33	
Wade, Harold R.	do.	120.00	
Dennis, Willey	Assistant chemist, at \$1,000	519.45	
Luther, John B.	Assistant chemist, at \$840 and \$1,000	926.22	8.19
Barber, Kate G.	Microanalyst, at \$1,500	1,125.00	7.40
Read, Effie A.	Microanalyst, at \$1,000	750.00	1.25
Barnard, Harry E.	Food and drug inspection chemist, at \$10 per diem	10.00	
Skinner, Wm. W.	Food-inspection chemist, at \$2,000	2,000.00	
Sy, Albert P.	Food and drug inspection chemist, at \$1,800	450.00	15.30
Seil, Harvey A.	Food and drug inspection chemist, at \$1,500	1,500.00	2.50
Sullivan, Arthur L.	Food and drug inspection chemist, at \$1,500 and \$1,600	1,550.00	
Rieger, Jno. B.	Food and drug inspection chemist, at \$1,200	1,200.00	
Warren, Lewis E.	do.	1,200.00	
Breazale, Jas. F.	Laboratory assistant, at \$1,800	1,800.00	
Burnet, Wallace C.	Laboratory assistant, at \$1,600	1,600.00	312.40
Taber, Walter C.	Laboratory assistant, at \$1,400	575.56	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Griffin, Clarence H.	Laboratory assistant, at \$900 and \$1,000.	\$783.34	-----
Krayer, Peter J.	Expert, at \$10 per diem.	100.00	-----
Boyle, Chas. W.	Expert, at \$1,800.	1,800.00	\$25.55
Wiley, Maxwell H.	Expert, at \$1,200.	400.00	-----
Doyle, Aida M.	Chemical aid, at \$1,600.	1,600.00	-----
Bidwell, Geo. L.	Chemical aid, at \$1,000.	497.23	-----
Hillyer, Wm. E.	Chemist's aid and scientific assistant, at \$1,000.	800.00	-----
Hudson, Claude S.	Chemical aid, at \$1,000.	330.56	-----
Knight, Geo. W.	do.	36.11	-----
Morgan, Will J.	do.	597.23	-----
Palmore, Julian I.	do.	825.00	-----
Riley, J. Garfield.	do.	466.67	-----
Whitman, Harold A.	do.	358.34	-----
Divine, John P.	Laboratory helper, at \$1,000.	1,000.00	-----
Smoot, Chas. C.	Laboratory helper, at \$900.	900.00	-----
Sherwood, Sidney F.	Laboratory helper, at \$840 and \$900.	870.00	-----
Gallant, Cecil O. S.	Laboratory helper, at \$720.	254.00	-----
Hume, Thaddeus S.	do.	720.00	-----
Wise, Frank H.	do.	720.00	63.70
Porter, Clarence F. T.	Laboratory helper, at \$960.	660.00	-----
Baston, Geo. H.	Laboratory helper, at \$500.	520.00	-----
Darby, Saml. P.	do.	595.00	-----
Gaylord, G. S.	do.	195.00	-----
Moore, Chas. S.	Laboratory helper, at \$800 and \$720.	653.33	-----
Morse, Jas. W.	Laboratory helper, at \$600.	216.67	-----
Page, Wm. B.	do.	460.00	-----
Reed, Edw. O.	Laboratory helper, at \$800 and \$720.	695.00	-----
Reid, Saml. F.	Laboratory helper, at \$500.	288.34	-----
Schmidt, Geo. C.	Laboratory helper, at \$800 and \$840.	716.67	-----
Spencer, Herbert U.	Laboratory helper, at \$600.	593.33	40.35
Strother, Herbert.	do.	460.00	-----
Thatcher, Arthur S.	do.	233.00	-----
Walton, Geo. P.	Laboratory helper, at \$390 and \$720.	600.00	-----
Williams, Jno. W.	Laboratory helper, at \$500.	600.00	-----
Forbes, Daniel R.	Laboratory helper, at \$50 per month.	346.67	-----
Jenkins, L. J.	Laboratory helper, at \$50 and \$90 per month.	575.00	-----
Hales, C. S.	Collaborator, at \$25 per month.	66.67	-----
Pearce, Edw. W.	Clerk, at \$1,000.	733.34	-----
Pulizzi, Talbot O.	Clerk, at \$1,300.	1,050.83	-----
Cabell, S. T.	Clerk, at \$1,200 and \$1,400.	1,246.67	-----
Wood, Myrtle J.	Clerk, at \$1,200.	600.00	-----
Connell, Lydia.	Clerk, at \$900.	487.50	-----
Duvall, Louise.	Clerk, at \$900, and library clerk, at \$1,000.	455.84	-----
Eckman, Luler L.	Clerk, at \$900.	282.50	-----
Hartman, Mary E.	do.	497.50	-----
La Grange, Edw. R.	do.	655.00	-----
Lucas, Frederick C.	Clerk, at \$900 and \$1,200.	965.00	-----
Pray, Oliver F.	Clerk, at \$900.	337.50	-----
Stickney, Emily G.	do.	597.50	-----
Warder, Nannie.	do.	137.50	-----
Guasp, Ignacio.	Clerk, at \$720.	360.00	-----
Jordan, M. M.	do.	318.00	-----
Anderson, Marjorie F.	Clerk, at \$700 and \$840.	497.78	-----
Lambert, Mary A.	Clerk, at \$660.	• 150.33	-----
Cohencious, S. F.	Clerk, at \$600.	388.33	-----
Davis, Carrie M.	Clerk, at \$500 and \$840.	390.00	-----
Phillips, C. D.	Clerk, at \$600.	300.00	-----
Skinner, Laura A.	do.	328.33	-----
Beller, Jas. W.	Clerk, stenographer, and typewriter, at \$100 per month.	20.00	-----
Walter, Wallace W.	Clerk, stenographer, and typewriter, at \$900.	480.00	-----
Schieber, Caroline C.	do.	250.00	-----
Fry, Mary D.	Stenographer and typewriter, at \$50 per month.	50.00	-----
Postle, S. A.	Bookkeeper, at \$900.	67.50	-----
Corby, C. W.	Baker, at \$75 per month.	217.50	-----
Bashford, E. J.	Electric lineman, at \$3 per diem.	60.00	-----
Haak, Otto.	Glass blower, at \$80 per month.	130.00	-----
Allen, Frank M.	Tool maker, at \$1,000.	250.00	-----
Carter, Alonzo.	Painter, at \$3.50 per diem.	24.50	-----

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.*

## LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Davis, Fritz C.	Painter, at \$900.	\$75.00	
Been, George.	Carpenter, at \$3.50 per diem.	854.00	
Cranford, Z. H. S.	do.	185.50	
Haldeman, Craig A.	do.	217.00	
Iglehart, Thos. G.	do.	301.00	
Perkins, Thos. B.	do.	164.50	
Wilson, John C.	do.	19.25	
Eshleman, Edward W.	Plumber, at \$4 per diem.	102.00	
Sands, John K.	do.	52.00	
Croghan, Chas. J.	Watchman, at \$720.	120.00	
Mott, Henry S.	do.	162.00	
Ryon, M. F.	do.	162.00	
Carter, Wm. F.	Unskilled laborer, at \$60 and \$60 per month.	710.00	
Thomas, Garfield.	Unskilled laborer, at \$1.00.	600.00	
Welch, Nellie.	Unskilled laborer, at \$20 per month.	4.00	
Hall, John E.	Unskilled laborer, at \$1.50 per diem.	402.00	
Jenkins, James.	do.	10.50	
Platz, Chas. L.	do.	45.00	
Campbell, Andrew J., jr.	Messenger boy, at \$300.	125.00	
Lawson, Wm. H.	Messenger boy, at \$300 and \$35 per month.	322.50	
Sherfy, Robert E.	Messenger boy, at \$300.	140.00	
Glidden, David W.	Messenger boy, at \$25 per month.	165.83	
Jones, Robt. S., jr.	do.	141.67	
Brodie, Annie.	Charwoman, at \$480.	480.00	
Talbert, Annie.	Charwoman, at \$240.	220.00	
Butler, Rosa.	Charwoman, at \$20 per month.	23.33	
Grigsby, Georgia.	do.	18.00	
Total.		157, 118.39	
<i>Out of Washington.</i>			
Winton, Andrew L.	Chief of Chicago laboratory, at \$3,000.	3,000.00	\$646.31
Mitchell, Andrew S.	Chief of St. Paul laboratory, at \$2,750.	2,750.00	114.44
Smith, B. H.	Chief of Boston food inspection laboratory, at \$2,500.	2,500.00	232.46
Brinton, Clement S.	Chief of Philadelphia food inspection laboratory, at \$2,000.	2,000.00	192.30
Leach, Albert E.	Chief of Denver laboratory, at \$10 per diem.	755.70	96.39
Alwood, Wm. B.	Bacteriological chemist, at \$2,000.	1,983.31	760.58
Pennington, Mary E.	Bacteriological chemist, at \$1.15 per hour.	2,243.28	334.78
Hesse, Bernhard C.	Expert, at \$250 per month.	3,000.00	72.27
Sawyer, Harris E.	Expert, at \$8 per diem.	120.00	41.51
Rusby, H. H.	Expert in drug products, at \$20 per diem.	1,365.70	57.74
Dubois, W. L.	Scientific assistant, at \$2,000.	2,000.00	238.71
Straughn, M. N.	Scientific assistant, at \$1,600.	1,600.00	801.57
Church, C. G.	Scientific assistant, at \$1,400.	1,399.99	429.25
Holland, H. J.	do.	1,400.00	19.00
Shanley, E. J.	do.	1,201.67	136.83
Hepburn, Jos. S.	Scientific assistant, at \$1,200.	1,103.33	46.20
Bender, Wm. A.	Scientific assistant, at \$1,000.	725.00	
Burrell, John I.	do.	391.67	
Merrill, F. D.	do.	966.67	100.00
Robertson, Chas. A.	do.	252.78	
Lott, Chas. I.	Scientific assistant, at \$900.	805.00	
Smith, Fred G.	Scientific assistant, at \$900 and \$1,000.	575.00	
McClelland, Byron.	Scientific assistant, at \$840 and \$1,000.	920.00	9.90
Woodman, A. G.	Scientific assistant, at \$8 per diem.	1,116.00	71.06
Doolittle, R. E.	Food inspection chemist, at \$3,000.	3,000.00	1,975.89
Gould, R. A.	Food inspection chemist, at \$2,500.	2,500.00	499.62
Ogden, A. W.	Food inspection chemist, at \$2,250.	2,250.00	
Clark, Edmund.	Food inspection chemist, at \$1,600 and \$1,800.	1,756.66	90.62
Frost, Howard V.	Food inspection chemist, at \$1,600.	1,600.00	
Schulz, Henry L.	do.	1,600.00	230.96
La Wall, Chas. H.	Food inspection chemist, at \$10 per diem.	655.69	
Seeker, A. F.	Food and drug inspection chemist, at \$2,250.	2,250.00	
Cornelison, Robt. W.	Food and drug inspection chemist, at \$1,800.	890.00	
Havenhill, L. D.	Food and drug inspection chemist, at \$1,800 and \$2,000.	1,900.00	11.25

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Loomis, Henry M.	Food and drug inspection chemist, at \$1,600 and \$1,800.	\$1,700.00	\$174.95
Ross, Samuel H.	Food and drug inspection chemist, at \$1,600.	1,600.00	490.55
Duncan, Robert A.	Food and drug inspection chemist, at \$1,500.	750.00	100.32
Bartlett, Geo. M.	Food and drug inspection chemist, at \$1,200.	1,130.00	.....
Aschman, Frederick T.	Food and drug inspection chemist at \$10 per diem.	440.35	.....
Olsen, John C.	do	400.00	.....
Ruddiman, E. A.	do	660.00	87.97
Brown, Linwood A.	Food and drug inspection chemist at \$8 per diem.	138.00	.....
Howard, Chas. D.	do	450.08	3.81
Johnson, Chas. W.	do	168.00	9.70
Brown, A.	Food and drug inspector, at \$2,000	2,000.00	1,035.51
Duff, James C.	do	2,000.00	917.85
Garber, John H.	do	2,000.00	2,546.29
Barker, Howard W.	Food and drug inspector, at \$1,800	1,800.00	1,071.77
Bitting, A. W.	do	1,800.00	362.61
Kitchen, Harry C.	do	1,740.00	1,708.48
McDonald, E. A.	do	1,800.00	1,529.66
Meserve, Chas. A.	do	1,800.00	1,071.42
Sy, Albert P.	Food and drug inspection chemist, at \$1,800.	1,350.00	.....
Anderson, Wm. H.	Food and drug inspector, at \$1,600	1,600.00	1,075.06
Cameron, Walter S.	do	688.88	371.99
Earnshaw, John F.	do	1,599.99	920.95
Haley, J. C.	do	1,484.44	1,193.62
Holton, Chas. E.	do	1,568.89	1,429.20
Judge, Arthur J.	do	1,600.00	967.82
Miller, Walter C.	do	1,600.00	1,085.62
Moore, Harry C.	do	1,600.00	1,533.08
Stengel, A.	Food and drug inspector, at \$1,600 and \$1,800.	1,783.33	982.04
Walsh, Daniel M.	Food and drug inspector, at \$1,600.	1,600.00	1,675.90
Winslow, Barclay C.	do	1,600.00	1,314.86
Woolsey, Arthur B.	do	679.99	329.50
Adams, Geo. H.	Food and drug inspector, at \$1,500 and \$1,600.	1,591.67	1,089.32
Hager, G. H.	Food and drug inspector, at \$1,500	83.33	21.89
Jenkins, Wm. H.	Food and drug inspector, at \$1,400	1,372.78	1,353.82
McIntyre, Andrew J.	do	509.45	515.68
Marks, Louis	do	894.45	1,325.93
Raynor, Frank B.	do	62.22	1.25
Smith, Clark T.	do	1,372.78	1,663.82
Sudler, O. R.	Food and drug inspector, at \$1,400 and \$1,600.	1,500.00	1,545.24
Wagner, Harvey H.	Food and drug inspector, at \$1,400 and \$1,500.	1,491.66	1,218.74
Wollard, Frank L.	Food and drug inspector, at \$1,400 and \$1,600.	1,583.33	1,742.07
Young, Robt.	do	1,583.33	746.74
Bastable, Edward J.	Food and drug inspector, at \$1,200	423.33	775.42
Earnshaw, Jackson E.	do	696.67	1,025.45
Ford, Wm. T.	do	1,033.33	1,297.01
Wharton, Wm. R. M.	Food and drug inspector, at \$1,200 and \$1,400.	1,383.34	866.82
White, B. R.	Food and drug inspector, at \$1,200	1,200.00	405.81
Lynch, John L.	Food and drug inspector, at \$1,000 and \$4 per diem.	915.33	791.73
Rex, Max A.	Food and drug inspector, at \$1,000 and \$1,200.	966.67	3,158.99
Wiegand, Nelson M.	Food and drug inspector, at \$1,000	27.78	.....
Farrell, Frederick W.	Assistant analyst, at \$1,400	735.00	.....
Harrison, C. W.	Assistant chemist, at \$2,000.	2,000.00	522.73
Hiltner, Robt. S.	do	1,855.56	35.60
Bisbee, Derward W.	Assistant chemist, at \$1,800.	365.00	.....
Knisely, Abraham L.	do	925.00	537.68
Mory, A. V. H.	do	900.00	.....
Balcom, R. Wilfred.	Assistant chemist, at \$1,600.	916.67	.....
Hart, Benjamin R.	do	800.00	.....
Taylor, A. E.	do	1,302.22	31.60
Woodruff, F. O.	Assistant chemist, at \$1,400.	1,400.00	.....
Conover, Courtney	Assistant chemist, at \$1,200.	53.33	.....
Hendrickson, Norman	do	143.33	.....
Lewis, Winford L.	do	600.00	269.40
Lyman, Edmund R.	do	1,200.00	495.11
Pappe, Theo. F.	Assistant chemist at \$1,200 and \$1,400.	1,300.00	208.70
Smith, Claude R.	Assistant chemist, at \$1,200.	800.00	.....

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"*—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Stafford, Morton O.	Assistant chemist, at \$1,200	\$120.00	
Wilcox, Burton B.	do	143.33	\$20.07
Eaton, Elgar O.	Assistant chemist, at \$1,000	980.56	9.90
Link, John H.	do	306.67	97.25
Stewart, Guy R.	do	961.11	284.89
Wichmann, Hugo J.	do	666.66	51.25
Hilts, Roy W.	Chemist, at \$1,800	1,490.00	187.87
Mathewson, W. E.	Chemist, at \$1,600	1,066.67	
Flanders, Fred F.	Chemist, at \$1,400	933.34	451.74
Wessling, Hannah L.	Chemist, at \$1,000	747.23	54.85
Boyles, Frank M.	Chemist aid, at \$1,000	619.45	220.00
Darling, Joshua F.	do	25.00	
Hansen, Arthur W.	do	580.56	
Bailey, Clyde H.	Aid, at \$900	327.50	
Bartlett, M.	Special agent, at \$10 per diem	1,280.00	609.19
Burd, John S.	do	490.00	149.49
Colby, George E.	do	160.00	44.60
Jaffa, M. E.	do	350.00	112.65
Snow, F. J.	Special agent, at \$5.50 per diem	77.00	43.30
Wedderburn, A. J.	Special agent, at \$150 per month	200.00	2.70
Lea, E. J.	Special agent, at \$5 per diem	530.00	
Moulton, S. M.	do	150.00	132.20
Graham, Alex. E.	Special agent, at \$1,700	207.77	226.80
Cook, C. L.	Special agent at \$4.50 per diem, and assistant chemist, at \$1,200	943.00	8.75
Hayes, E. F.	Special agent, at \$4 per diem	204.00	33.23
Jacobs, B. R.	Special agent at \$4 per diem, and assistant chemist, at \$1,000 and \$1,200	960.22	138.30
Frear, William	Special agent at \$100 per month	200.00	
Woodson, D. P.	do	543.33	17.45
Lyons, Geo. W.	Special agent, at \$3.50 per diem	126.00	94.10
Bettoli, R. W.	Special agent, at \$3 per diem	144.00	133.55
McLellan, A.	do	123.00	15.55
Rosenstein, Ludwig	do	69.00	54.55
Laughlin, Carlyle	Special agent at \$2 per diem	62.00	
Walls, E. P.	Special agent, at \$50 per month	200.00	425.49
White, Herbert	do	150.00	200.62
White, Herbert J.	do	50.00	
Wahl, Robert	Special agent, at \$25 per month and \$1,200	652.50	
Bitting, Katherine G.	Microanalyst, at \$1,000	833.33	
St. John, E. Quintard	Assistant microanalyst, at \$5 per diem	1,284.94	
Lind, Herman	Clerk, at \$1,200	1,200.00	
Read, M. T.	do	826.67	
Delane, Jessie W.	Clerk-collaborator, at \$25 per month	136.67	
Kozicke, Bernard A.	Clerk, stenographer, and typewriter, at \$900	522.50	
Lampert, Nathaniel	do	825.00	
Lynch, Joseph T.	Clerk, stenographer, and typewriter, at \$900 and \$1,000	950.00	
O'Toole, John C.	Clerk, stenographer, and typewriter, at \$900	900.00	
Kugler, John L., jr.	Stenographer, at \$900	730.00	
Donnelly, Aloysius	Stenographer and typewriter, at \$900	40.00	
Droyer, Jennie E.	do	322.50	
Gruber, Anna A.	do	375.00	
Moller, Georgine	do	252.50	
Pomeroy, W. M.	do	540.00	
Steele, Janey P.	do	125.00	
Welsh, Jesse	do	397.50	
Browning, Louise	Stenographer and typewriter, at \$75 per month	92.50	
Pennell, Mary C.	Stenographer and typewriter, at \$3.25 per diem	806.00	
Kennedy, Mary A.	Stenographer and typewriter, at \$25 per month	30.83	
Helmer, Evelyn A.	Stenographer-collaborator, at \$25 per month	79.17	
Havercamp, Lillian	Stenographer-collaborator, at \$20 per month	3.33	
Betts, Helen M. P.	Artist, at \$1.50 per hour, and \$10 per diem	406.35	
Alwood, Helen A.	Collaborator, at \$25 per month	108.33	
Roth, Frank, jr.	Collaborating stenographer and typewriter, at \$25 per month	41.67	
Swanston, Alice	Collaborating stenographer, at \$25 per month	117.50	
Darley, Lula G.	Collaborating clerk, at \$20 per month	60.00	
Darley, W. L.	Collaborator clerk, at \$20 per month	40.00	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Fies, Olivine.....	Collaborating stenographer and typewriter, at \$20 per month.	\$32.00	.....
Hall, Eudora R.....	Collaborating stenographer, at \$20 per month....	40.00	.....
McDuffee, Lena M.....	Collaborating stenographer and typewriter, at \$16 per month.	62.93	.....
Alwood, Nellie S.....	Collaborating clerk and typewriter, at \$10 per month.	74.66	.....
Olmstead, Marie.....	Collaborating stenographer and typewriter, at \$10 per month.	21.00	.....
Burnett, Lyle B.....	Laboratory helper, at \$840.....	840.00	\$6.05
Sadd, L. E.....	do.....	840.00	.....
Gersdorff, Chas. E. F.....	Laboratory helper, at \$720.....	720.00	.....
McNamara, L. C.....	do.....	698.00	.....
Tasker, Wm.....	do.....	720.00	.....
McClain, George W.....	Laboratory helper, at \$60 per month.....	356.00	.....
Green, Thos. P.....	Laboratory helper, at \$600.....	383.33	21.70
Greenlee, A. D.....	Laboratory helper, at \$600, \$720, and \$2.30 per diem.	588.85	.....
Hartigan, Will H.....	Laboratory helper, at \$600.....	470.00	.....
Martin, Ernest A.....	do.....	191.67	.....
O'Brien, Thomas.....	do.....	600.00	6.25
Wachter, Louis E.....	Laboratory helper, at \$600 and \$720.....	692.00	.....
Wilkinson, Sydney.....	Laboratory helper, at \$600.....	320.00	.....
Aungst, Robt. S.....	Laboratory helper, at \$50 per month.....	320.00	.....
Diamond, Earle F.....	Laboratory helper, at \$50 per month, and special agent, at \$600 per annum and \$3 per diem.	596.00	32.69
Farello, Chas. E.....	Laboratory helper, at \$50 per month.....	440.00	.....
Gay, Francis.....	do.....	600.00	.....
Kennedy, Merritt.....	do.....	50.00	.....
Lawless, Lloyd L.....	Helper, at \$50 per month.....	265.00	.....
Morrison, Wm. L.....	Laboratory helper, at \$50 per month.....	470.00	.....
Morton, James K.....	do.....	321.67	.....
Peters, A. J.....	do.....	50.00	.....
Robinson, Meyer M.....	do.....	170.00	.....
Bourgeois, Edward.....	Laboratory helper, at \$2 per diem and \$50 per month.	390.00	9.90
Bates, Carlton.....	Laboratory assistant, at \$50 per month and \$720.....	189.67	.....
Post, Israel P.....	Janitor, at \$600 and \$720.....	687.67	.....
Norvel, Jas. H.....	Janitor, at \$35 per month.....	35.00	.....
Schwarz, Christ.....	Janitor, collaborator, at \$12 per month.....	33.60	.....
Ballard, Chas. W.....	Unskilled laborer, at \$2 per diem.....	16.00	.....
Total.....		168,929.20	.....

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Adams & White Co.....	\$7.20	Dietzen Co., Eugene.....	\$3.85
American Lead Pencil Co.....	154.72	Gregory, Mayer & Thom Co.....	5.00
Andrews Paper Co., R. P.....	736.64	Hoskins Co., Wm. H.....	47.55
Ballantyne, R. Carter.....	222.34	Kendrick Book and Stationery Co.....	12.55
Ballantyne & Sons, Wm.....	27.52	Lamb & Tilden.....	91.48
Baumgarten, Herman.....	4.50	Law Reporter Printing Co., The.....	4.50
Brown, Treacy & Sperry Co.....	2.25	Library Bureau.....	20.10
Bryant & Douglass.....	6.60	Lincoln, Fred S.....	1,070.25
Byck Co., M. S. & D. A.....	5.95	Lindemeyer, Philip.....	.43
Continent expenses, Department of Agriculture.....	138.52	McNitt, Kuhn & Co.....	46.50
Copenhaver, W. A.....	1.25	Macey Co., The.....	4.20
		Merchants Publishing Co.....	4.80

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Morrison Paper Co., E.....	\$62.85	Beaven & Neel.....	\$4.55
Newman, E. S.....	2.50	Beck & Sons, Joseph.....	7.56
Oliver Typewriter Co.....	2.00	Becker, C.....	389.80
Parker, D. Frank.....	796.58	Becker & Co., Chas.....	12.87
Remington Typewriter Co.....	22.10	Becker, E. S.....	8.10
Schmidt, Fred A.....	24.32	Bee Hive Grocery Co.....	5.80
Schmitt, J. B.....	15.25	Been, George.....	78.87
Stockett-Fiske Co., The.....	79.20	Beitzel, A. E.....	33.00
Stott & Co., Chas. G.....	40.00	Belknap & Swartz.....	4.60
Students Cooperative Society.....	6.95	Bement & Seitz Co. (Incorporated)....	13.20
Swayze, W. L.....	2,648.95	Bennett, C. E.....	.87
Union Envelope Co.....	154.53	Bennett & Myers.....	22.00
United States Envelope Co.....	432.96	Benson, C. L.....	1.31
Upham Co., Isaac.....	1.20	Bentley Co., Geo. Wm.....	6.25
Wall-Nichols Co. (Limited).....	12.15	Bentzel, Wm. M.....	9.89
Ward Co., Saml.....	4.69	Benz & Sons, Geo.....	18.77
Webb Stationery and Printing Co.....	13.55	Bernagozzi, W. P.....	4.25
Yawman & Erbe Manufacturing Co.....	225.50	Bernasco, J.....	45.00
Total.....	7,164.28	Bernhard, Peter.....	.40
<i>Miscellaneous supplies, etc.</i>		Bernheim Distilling Co.....	2.45
Abbott Orchard Co.....	432.74	Betts, Morris C.....	261.70
Achterkirchen, Henry.....	6.00	Bi Metallic Investment Co.....	23.41
Acker, Merrill & Condit Co.....	32.02	Bindley & Co., E. H.....	15.53
Adam & Co., J. N.....	15.85	Bishop, Isaac C.....	4.00
Adams Co.....	4.90	Bishop, M. O.....	5.55
Adams Co., E. B.....	5.00	Bismarck Grocery Co.....	4.48
Adler, Leopold.....	13.39	Block & Co.....	.60
Ahlbrecht, A. L.....	4.13	Block & Sons, Elias.....	3.06
Ahlbach & Mayer.....	77.88	Block Co. (Limited), Henry.....	7.60
Alden Anderson Fruit Co., The.....	189.87	Blum Co., August.....	6.00
Altmann, Max.....	16.50	Boddeker & Lyons.....	5.05
American Can Co.....	83.17	Bogart, I. H.....	129.60
American Gas Furnace Co.....	60.50	Boggs Bros.....	13.80
American Ice Co.....	68.52	Bolinger, J. F.....	10.25
American Mercantile Co.....	6.30	Bolognesi, Hartfield & Co.....	4.00
American Steel Barrel Co.....	196.62	Borches & Co.....	3.88
American Wine and Spirit Co.....	1.95	Bosack, J. H.....	7.80
Ames & Co., A. P.....	10.75	Boston Gear Works.....	6.10
Anderson, A.....	9.00	Boston Transcript Co.....	10.50
Anderson Co., Jein.....	11.25	Bolti, Nicola.....	4.00
Anderson & Co., P. E.....	3.09	Bourdin, A.....	1.50
Armour & Co.....	110.50	Bowler & Co., C. W.....	6.30
Armsby Co., The J. K.....	54.35	Bowlin Liquor Co., P. J.....	6.92
Arnold & Co., C. H.....	3.43	Bown Bros. (Incorporated).....	76.30
Arrighi & Bros., Peter.....	5.43	Boyle, John.....	30.00
Arters, Ernest.....	39.00	Braas & Kuhn.....	164.35
Ashby & Hickman.....	3.60	Brackett Co., C. S.....	.95
Atlantic Refining Co.....	1.25	Bradley & Co., F. A.....	142.32
Atzell, Elizabeth.....	6.00	Brahaney, J. R.....	10.27
Austin, Nichols & Co.....	26.55	Bretnanos.....	2,051.66
Bachrach, H.....	12.00	Bresnahan, John A.....	4.00
Bacon & Sons, A. S.....	5.50	Brewer, J. W.....	39.50
Balfour, Williamson & Co.....	1.26	Bridgens & Safeblade Co.....	8.50
Ball & Co., A.....	18.00	Briscoe, W. D.....	6.00
Ballantyne & Sons, Wm.....	5.00	Britt, Loeffler & Weil.....	4.13
Bannon & Co.....	6.40	Bronm & Co., A.....	13.05
Barbee Wire and Iron Works.....	5.00	Bromwell Co.....	7.90
Barber & Ross.....	256.76	Browder Manget Co.....	3.20
Barker, Geo. M.....	75.00	Brown Milling Co.....	7.86
Barlett, W. H.....	1.50	Brown, Treacy & Sperry Co.....	12.00
Baron & Co., Sam.....	15.00	Browning & Middleton (Incorporated)...	70.74
Barrett & Co., M. L.....	5.98	Brunner, David.....	30.75
Berry, Wm. D.....	25.50	Buchanan & Co., Jas.....	16.49
Bartlett Co., Stephen L.....	12.54	Buck Co., Frank H.....	219.52
Barton, J. W.....	3.36	Buffalo Dental Manufacturing Co.....	12.00
Basilea & Calandra.....	2.85	Buffalo Wire Works Co.....	2.62
Bass-Hueter Paint Co.....	12.70	Bulte Milling Co., Aug. J.....	7.17
Batjer & Co.....	11.35	Bumgardner Distilling Co., J.....	6.00
Baton Rouge Liquor and Cigar Co.....	12.00	Bunting-Stone Hardware Co.....	4.80
Bauer, John.....	17.75	Burchell, N. W.....	6.00
Baumgarten & Co., Sam.....	6.00	Burkhardt, Jacob.....	13.50
		Burns Co., T. E.....	8.65
		Burrow, Martin & Co. (Incorporated)...	25.35
		Burrows Co., E. T.....	18.00

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Burton Fruit Co. ....	\$15.00	Crupper, Joseph S. ....	\$27.00
Burton & Son, R. C. M. ....	35.75	Cunningham, T. F. ....	66.30
Busalacchi, Francesco ....	3.50	Curry, A. W. ....	30.00
Butler Co., J. C. ....	8.30	Curry, Tunis & Norwood (Incorporated) .....	6.33
Butts, E. A. ....	7.50	Curtice Bros. Co. ....	125.87
Cabot, Godfrey L. ....	2.00	Cusenier Co. ....	10.34
Cailler, A. G. ....	20.40	Cutler, Wm. E. ....	237.01
California Fruit Exchange .....	229.05	Dagnino & Co., D. R. ....	12.50
Campbell Electric Co. ....	42.93	Daniel & Co., L. ....	3.50
Canceluelo, J. B. ....	.90	Daniels, J. Morris. ....	124.35
Capital Paper Box Co. ....	12.75	Daugherty's Sons, J. A. ....	3.32
Capital Traction Co. ....	110.00	Davey, Andrew. ....	.30
Carena's Sons, Jos. ....	5.00	Davidson, U. C. ....	4.65
Carr, Walter. ....	9.00	Davies, J. M. ....	205.57
Carter Co., Robert E. ....	150.00	Davis, Dave. ....	4.50
Catanzaro & Co., S. ....	3.05	Davis & Jackson. ....	23.50
Cathcart & Marvin. ....	96.65	Davis Drug Co., J. F. ....	7.00
Catlin Co., Elmer H. ....	13.35	Dawson, E. A. ....	4.17
Catoosa Springs Co. ....	13.75	Dean, Foster & Co. ....	11.74
Cauummissar & Sons, T. C. ....	3.75	de Bary & Co., Fredk. ....	14.60
Central Electric Co. ....	135.00	Decker Hardware Co., Adam. ....	4.55
Century Electric Construction Co. ....	76.30	de Fremery & Co., James. ....	8.27
Chapin-Sacks Manufacturing Co. ....	9.00	Delapenha & Co., R. U. ....	181.89
Charles & Co. ....	10.07	Delmonico Co. ....	5.54
Charlottesville Lumber Co. (Incorporated) .....	90.00	deLuze & Co., F. O. ....	5.40
Cheek & Sons, C. T. ....	10.61	Dennery, Charles. ....	7.83
Chess & Wymond (Incorporated). ....	233.48	Dennison Manufacturing Co. ....	77.43
Chicago Record and Herald Co. ....	24.30	Denver Dry Goods Co. ....	32.05
Chicago Towel Supply Co. ....	17.50	Denver Fire Clay Co. ....	106.02
Chicago Wine and Liquor Co. ....	1.87	Denver Towel and Supply Co. ....	7.30
Childs, Jos. S. ....	53.55	Derby, Hasket. ....	3.50
Childs Co., W. F. ....	5.85	Dewar & Sons (Limited), John. ....	18.00
Chiris, Antoine. ....	.63	Dexter, Gordon. ....	5.60
Church & Stephenson. ....	1,582.44	Diamond Match Co. ....	19.80
Cincinnati Distributing Co. ....	15.60	Dietz, Wm. ....	6.00
Clark Distilling Co., James. ....	19.50	Dillinger & Sons, S. ....	47.41
Clark-Sawyer Co. ....	5.50	Dixie Ice Mfg. Co. (Limited). ....	33.80
Clarke Bros. & Co. ....	7.04	Dodge & Olcott Co. ....	76.68
Clarke Co., R. P. ....	29.24	Dohrm, Franz J. ....	1.70
Clemenger, A. ....	4.50	Dolan Bros. ....	2.55
Clifton Forge Grocery Co. ....	3.01	Donald & Porter Co. ....	5.40
Cline Oil and Paint Co., C. C. ....	3.55	Doremus Machine Co. ....	1.00
Cochran & Co., Joel M. ....	27.00	Doud, James J. ....	204.51
Codman & Hall Co. ....	14.39	Douglas, W. H. ....	30.00
Cogan, B. J. ....	1.50	Downey, E. P. ....	8.40
Cohen, B. M. ....	13.50	Downing, Judae & Co. ....	4.45
Collins, J. Ross. ....	82.50	Drenkel, George. ....	4.45
Colonial Can Co. ....	7.00	Dreyfus Packing and Provision Co. ....	10.00
Colonial Wine Co. ....	25.50	Driscoll & Fletcher. ....	3.00
Colorado Ice and Cold Storage Co. ....	7.75	Drislane Co., W. E. ....	5.25
Colpe Drug Co. ....	9.00	Drury Co., P. J. ....	55.95
Columbia Covering Co. ....	4.83	Dryden & Palmer. ....	7.09
Connell Co., P. & H. ....	10.50	Duffy, F. S. ....	7.50
Constine, C. K. ....	6.00	Dulin & Martin Co. ....	75.75
Conti, Cesare. ....	18.18	Du Perow, M. ....	1,843.92
Continental Forwarding Co. ....	15.34	Durfur & Co. ....	45.00
Conway Co. ....	16.00	Dwyer, W. M. ....	.75
Cook & Black Drug Co. ....	15.00	Dyer, W. H. ....	32.65
Cook, Philip. ....	1.00	Eckstein, Herman. ....	29.00
Cook & Co., T. W. ....	68.36	Edmonds, Perry H. ....	30.00
Corbett, Estate of H. W. ....	11.95	Edmonston, Chas. R. ....	6.23
Cordley & Hayes. ....	61.85	Eggeneyer, Jno. M. ....	4.35
Cardna Advertising Co. ....	1.00	Electric Construction Co. ....	78.39
Cornwell & Sons, G. G. ....	75.33	Electric Supply Co. ....	95.00
Cottam & Co., H. T. ....	137.83	Elliott, H. H. ....	21.30
Courier Co. ....	6.00	Elliott, John G. ....	277.69
Cousse, Andre L. ....	7.40	Ellis & Son, Frank A. ....	56.11
Cox Brothers Co. ....	4.55	Elmquist Bros. ....	226.25
Craig, James. ....	144.00	Emery-Bird-Thayer Dry Goods Co. ....	8.10
Crane Co. ....	209.43	Emmeluch & Co. (Incorporated). ....	5.00
Crescent City Blow Pipe Co. ....	8.50	Emmert Bros. ....	12.05
Cresco Creamery Supply Co. ....	13.20	Engs & Sons, P. W. ....	27.55
Crookston Milling Co. ....	8.93	Enterprise Manufacturing Co. ....	16.17
Crumley, Geo. H. ....	4.61	Ergood Co., The J. C. ....	118.39

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Espey, J. B.....	\$31.45	Goodrich, Chas. L.....	\$2.00
Estler & Son, T. W.....	100.80	Goodwin & Co., H. W.....	4.00
Evans Bros.....	28.24	Goodwins Sons, R. J.....	3.45
E. & W. Laundry.....	2.43	Grace & Co., W. R.....	1.18
Fair, The.....	2.98	Graff & Co., H.....	8.75
Fairbanks Co.....	110.65	Grand, J. L.....	77.75
Fairbanks, Morse & Co.....	268.90	Grand Forks Mercantile Co.....	8.68
Fancher Creek Nurseries (Incorporated).....	190.92	Gray Bros.....	3.77
Fargo Mercantile Co.....	18.82	Great Bear Spring Co.....	10.50
Farmer & Sons, Oscar.....	5.30	Green, John S. P.....	35.50
Farmers Supply House.....	8.80	Greenus & Co., A. E.....	3.50
Farmers Union.....	39.61	Gregg Grocery Co.....	6.16
Farrell, Paul.....	23.75	Greil Bros. Co.....	5.90
Farrington & Whitney.....	9.45	Griffin & Skelley Co.....	83.90
Faxon, Williams & Faxon.....	4.40	Grimes Co., W. H.....	4.00
Featherstone, A. E.....	13.50	Grote Rankin Co.....	34.00
Fenton & Son.....	45.00	Grothers, Geo. H.....	6.20
Fern Co., O. L.....	4.75	Guckenheimer & Bros., A.....	6.89
Fichtel & Son, Fred.....	3.54	Guet & Senac Co.....	4.73
Finley & Son, F. H.....	19.20	Guggenheim, Herbert.....	12.00
Finn, Thomas.....	26.80	Guggenlime & Co.....	20.42
Fiske & Brown.....	4.14	Gulland-Clarke Co.....	6.35
Fine Points Drug Co.....	6.00	Gundling, Louis.....	12.00
Fix, Chas. J.....	21.40	Haberkorn, J. H. A.....	3.00
Flagg & Co., D. F.....	3.87	Hackney Co., H. T.....	4.95
Flat Top Grocery Co.....	2.39	Halbert, Thos.....	9.00
Flynn, Joseph C.....	11.32	Hale & Co., O. A.....	13.25
Foley, J. P.....	13.00	Hall, A. L.....	8.00
Fontana, Ermain.....	16.27	Hall & Knight Hardware Co.....	4.75
Fongera & Co., E.....	54.17	Hall's Safe Co.....	334.50
Fox-Smith Grocery Co.....	5.70	Hammacher, Schlemmer & Co.....	8.07
Frame & Co.....	3.41	Hannigan, Mary.....	8.35
Franclyn Co., R.....	.96	Hanscom Hardware Co.....	4.50
Frank Bros.....	2.50	Hardesty Manufacturing Co., R.....	12.35
Freeman Bros.....	10.50	Hardy, Sirrine.....	7.50
Fremont Milling Co.....	15.32	Harle & Co., F.....	.50
Freschi, George.....	2.00	Harrell, W. C.....	5.80
Fricke, Andrew H.....	4.05	Harris & Shafer Co.....	7.50
Friedenberg, Chas.....	59.60	Harrison, W. H.....	2.00
Friedman, Keiler & Co.....	2.20	Hartel, Fred.....	7.50
Fritch & Son, Geo. T.....	12.25	Hartig, Louis.....	2.35
Fromm & Co., F. H.....	.48	Hartman, Goldsmith & Co.....	4.99
Frontier Plumbing and Heating Co.....	101.21	Hartung & Inman.....	15.00
Fye & La Pash.....	8.25	Haupt, D. F.....	28.63
Gaines & Co., W. A.....	2.44	Hawley & Letzerich.....	4.00
Gallagher & Ascher.....	9.71	Haworth & Dewhorst (Limited).....	2.70
Galland Mercantile Laundry.....	11.00	Hayes & Co., Jas. A.....	14.86
Gandolfi & Co., L.....	13.60	Haynes, M. W.....	79.50
Garlade, Elband & Co.....	40.00	Hazard & Co., E. C.....	4.20
Garland & Sons, J. B.....	10.76	Hebert, Valina.....	8.50
Gas and Electric Appliance Co.....	5.00	Heisel, Conrad.....	7.80
Gates, T. L.....	539.84	Heiskell & Co., P. H., jr.....	92.53
Gelpi & Son, Paul.....	16.98	Helena Liquor Co.....	6.00
Gemrig & Son, J. H.....	6.00	Hempstead & Sons, O. G.....	2.08
General Electric Co.....	90.01	Henderson, Louis.....	209.55
Georgia Grocery Co.....	5.55	Henkel-Duke Mercantile Co.....	17.55
Gerry Co., Fredk. R.....	3.00	Henry & Saller Co., R. B.....	6.27
Giehner, Ernest.....	283.81	Hert & Son, C. J.....	56.41
Giehner, Fred S.....	5.60	Hertst Importing Co., S. C.....	2.50
Gilbert Co., John, jr.....	4.73	Herrmann Co., Geo.....	8.20
Gilmore Drug Co., W. J.....	7.75	Herring-Hall-Marvin Safe Co.....	58.00
Ginter Grocery Co.....	4.38	Heurich Brewing Co., Chr.....	2.80
Githens, Rexasmer & Co.....	17.46	Hickman-Lunbeck Grocery Co.....	5.34
Glitschka Bros.....	8.85	Hicks & Son, S. D.....	11.10
Globe Electric Works.....	89.23	Highspire Distilling Co. (Limited).....	4.10
Gobbie & Co., J. M.....	3.52	Hill, Robert.....	4.35
Gottfrey, Lewis E.....	1.80	Hirschman & Co., A.....	3.40
Goldberg & Co., M.....	6.00	Hirshberger, H.....	46.50
Golden & Co.....	3.16	Hitch & Co., A. D.....	.64
Goldenberg, M.....	9.00	Hofheimer & Co., M.....	283.61
Golden Rule.....	13.81	Hogan, G. D.....	8.00
Gomez, Jos. D.....	3.50	Hoge & McDowell Co. (Incorporated).....	2.21
Goodfellow, Arthur.....	121.62	Holbrook & Co., C. D.....	2.40
Goodman Co., L.....	7.50	Holcomb Manufacturing Co., The J. I.....	7.33
Goodman Liquor Co., A.....	13.50	Holland & Holland.....	12.80
		Hollander & Co., F.....	43.55

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Holloway & Holloway.....	\$773.40	Keyser, Wm. H.....	\$12.67
Holmes, F. H.....	20.00	Kiefer Drug Co., A.....	10.14
Holt, Geo. H.....	56.11	Kienzler Co., Herman.....	1.38
Holtzer-Cabot Electric Co.....	35.40	Killian, Geo. P.....	9.35
Honeyman Hardware Co.....	31.64	Kimble, Robert.....	713.11
Honolulu Gas Co. (Limited).....	10.00	Knyper & Shields.....	3.60
Hoover & Denham.....	389.54	Koehler & Hinrichs.....	2.45
Hopkins & Co., J. L.....	8.27	Koernicke, Annie I.....	18.55
Hopp & Co., J.....	9.50	Kohnstamm & Co., H.....	1.18
Horn & Son, Morris.....	39.25	Kolbe Co., John.....	9.00
Horner, Jas. B.....	1.00	Kraemer, Charles.....	10.50
Hossley, Louis P.....	12.00	Krow, Ralph.....	5.50
Houghton & Dutton Co.....	3.11	Krows, W. M.....	7.00
Hoyland & Co., R.....	7.70	Kuglers Restaurant Co.....	6.16
Hubbard-Bedell Grocery Co.....	5.62	Kulle, Louis.....	13.50
Hudson Electric Supply Co.....	26.20	Lafayette Smith Grocer Co.....	5.97
Huguley Co., H. W.....	3.20	La Manna, Azema & Farnan.....	34.10
Hull, D. C.....	1.05	Lambie Co. (Incorporated), James B.....	121.37
Hulman & Co.....	5.08	Lamont, G. E.....	40.70
Hulse, Edgar H.....	10.80	Lancaster Machinery and Structural Works.....	150.00
Hume, Frank, Estate of.....	7.50	Lane & Christian.....	8.25
Humphrey-Jones Paint Co.....	8.59	Lansburg & Bro.....	16.96
Hunt & Co., F. W.....	4.08	Lasker Bros.....	7.90
Hurley, J. E.....	1.00	Lauber, Carl F.....	12.17
Hutchinson, Wm. Seely.....	436.20	Lea & Febiger.....	9.50
Ibos Bros.....	41.50	Lee, F. P.....	5.00
Ice Delivery Co., The.....	9.90	Lee's Bird Store.....	34.25
Ideal Hardwood Floor Co.....	153.00	Leeming & Co., Thos.....	4.20
Illinois Pacific Glass Co.....	1.00	Leftwich, J. W.....	294.00
Improved Mailing Case Co.....	60.20	Lehn & Fink.....	254.87
Independent Glass Co.....	9.00	Letteny, C. F.....	97.00
Independent Ice Co.....	24.75	Levin Bros.....	6.00
Insko, W. M.....	2.00	Lewis, Edwin C.....	33.78
International Despatch.....	12.40	Liberty Coal and Ice Co.....	11.70
International Forwarding Co.....	20.26	Lindsay & Morgan.....	21.65
Iron Clad Manufacturing Co.....	8.23	Lippman, Gabe.....	13.50
Ismert-Hincke Milling Co.....	32.22	Lippman, Louis.....	6.00
Jacob, Nat N.....	5.60	Littauer, Ludwig.....	15.20
Jennings, Michael J.....	8.50	Lockwood, Joshua.....	6.00
Jewett Co., J. D.....	4.20	Lceb-Lion-Felix (Limited).....	13.40
John, Jung.....	2.65	Logan-Langevin Co. (Incorporated).....	5.46
Johnson & Davis.....	410.95	Logemann & Leyking.....	43.05
Johnson & Co., H. A.....	4.72	Longhi & Co., Emilio.....	.61
Johnson & Co., Lawrence.....	1.50	Losero, Joseph.....	6.60
Johnston, G. G.....	3.00	Louells Sons, E.....	15.07
Johnston, Wm.....	131.20	Loubat Glassware and Cork Co. (Lim- ited), The.....	24.00
Jones, John I.....	3.75	Lowe Electric Co.....	45.00
Jones & Co., W. H.....	3.10	Lucas, Alb.....	10.00
Jordan, Lewis.....	4.50	Lueders & Co., Geo.....	15.89
Jordan, W. B. & W. G.....	7.54	McCarthy, Wm. A.....	4.00
Jorss, A. F.....	215.00	McConkey, E. H.....	5.90
Jourd, C.....	7.20	McCord-Brady Co.....	5.31
Journal of Commerce and Commercial Bulletin.....	48.00	McCormick, M.....	4.50
Joyce Engraving Co., The Maurice.....	6.00	McCubbin Co., The C. J.....	1.10
Kahle, C. H.....	8.00	McCullough's Sons, J. M.....	19.50
Kann Sons & Co., S.....	21.71	McDougall & Co., E. C.....	18.45
Kaufmann Bros.....	9.15	McGuire, J. C.....	9.50
Kaufman, Wm. W.....	4.05	McIlvaine Bros.....	9.50
Kaufman, Meyers & Co.....	4.35	McKee, W. H.....	3.55
Keane Co., T. T.....	46.55	McKesson & Robbins.....	72.79
Keasbey & Mattison Co.....	5.00	McKnight Keaton Grocery Co.....	3.23
Keating & Co.....	21.00	McLouth, Wells G.....	1.50
Keenan, J. F.....	7.87	McNutt & Kahn Co.....	22.55
Keller & Sons, Fred.....	10.13	Macgill, D. K.....	7.60
Kellermann, Fred W.....	4.50	Macy & Co., R. H.....	6.10
Kelley Mercantile Co.....	12.15	Magnus, Mabey & Reynard Co.....	3.15
Kelley Milling Co.....	4.05	Magruder, John H.....	1.70
Kellogg & Son, H.....	7.24	Mammini, A. C.....	6.05
Kellogg Switchboard and Supply Co.....	172.51	Manhattan Electrical Supply Co.....	16.50
Kelly Co., George A.....	118.47	Manning, H. W.....	6.00
Kenney, Seth H.....	4.72	Marchesini Bros.....	1.70
Kessel, Louis J.....	18.00	Martin & Co., C. C.....	2.64
Kessler & Co., Geo. A.....	10.63	Maryland Distilling Co.....	3.45
Kettering-Benway Hardware Co.....	19.40		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Maspero, C.	\$7.58	Niles-Bement-Pond Co.	\$13.50
Mattingley, J. D.	23.75	Northwestern Electric Equipment Co.	5.80
May Hardware Co., F. P.	7.50	Novelty Electric Co.	16.60
Mayer Grocery Co., M. C.	5.14	O'Fallon Supply Co., M. J.	72.50
Meadows & Co., Thos.	1.05	Office Toilet Supply Co.	7.00
Meenehan, John F.	12.00	Ogden, Merrill & Greer.	1.95
Menard Bros.	103.90	Ogg, Aikman.	3.00
Menzel & Co.	4.13	O'Keefe, J. J.	6.00
Mercer Bottling Co.	4.50	Oliver & Sons, Jos. M.	3.70
Merchants Publishing Co.	4.10	Omaha Bee.	4.20
Merkel Bros.	145.55	O'Neil, M. J.	33.50
Merrick, Ernest M.	9.00	Oriental Laundry.	7.50
Mesa, Weitkam & Co.	10.50	Orr, Brown & Price.	65.01
Meyer S. N.	42.00	Orr & Lockett Hardware Co.	5.33
Meyer Bros. Drug Co.	75.10	Osborn & Co., D.	2.00
Meyer & Lange.	61.81	Osborn & Co., W. T.	73.99
Meyers, Julius J.	15.45	Owens, George C.	.50
Michelson Co., W.	8.00	Oyster, Geo. M., jr.	260.82
Michigan Drug Co.	189.36	Oyster, Jas. F.	70.96
Miller, C. J.	9.00	Palais Royal.	23.80
Miller & Gay.	5.00	Palmer, John A.	4.50
Miller Hardware Co.	2.10	Paris, Allen & Co.	4.52
Miller & Co., John.	7.76	Park, Grant & Morris Grocery Co.	23.89
Miller, J. Franklin.	39.48	Park & Tilford.	34.00
Mine and Smelter Supply Co.	5.91	Parsons & Scoville Co. (Incorporated).	5.96
Mineralized Rubber Co.	5.00	Pastene & Co., P.	19.83
Minnerlacc Co.	42.55	Patent Fin Hot-Water Heating Co., The.	55.98
Minnix Co. (Incorporated) N. M.	17.00	Paulsen Co., The.	1.57
Mitchell, F. T.	70.00	Pearce, L. B.	10.00
Mitchell, Fletcher & Co. (Incorporated).	16.71	Peerless Electric Co.	391.50
Mitter, Philipp.	3.15	Peglow, George F.	6.00
Mockaitis, S. J.	27.00	Pender Grocery Co., D.	4.35
Moehring & Co., Wm. G.	10.02	Penick & Ford (Limited)	33.37
Moloney & Sons, J. F.	2.25	Pentecost, M. E., jr.	3.75
Moloney, J. J.	12.00	Peoples Ice Co.	14.70
Monarch Typewriter Co.	576.23	Pepe, Antonio.	4.50
Montecello Wine Co.	334.00	Perceval, C.	.92
Moore Co.	1,530.00	Pergament & Co., Tobias T.	1.05
Moore, W. Perry.	9.69	Perkins Grocery Co.	7.75
Moos & Co.	10.94	Persons Sons, C.	8.42
Morano, Antonio.	3.32	Pettit, James H.	50.00
Morgan, J. H.	15.00	Pezzini, Joseph.	6.30
Morrison & Fourmy Directory Co.	5.00	Philadelphia Press.	22.20
Morsells Hardware Store.	12.55	Pickering Hardware Co.	3.90
Mortimer & Co., Geo.	1.43	Pi roe Co., S. S.	81.88
Mosler Safe Co., The.	124.50	Pierotti, Bernardo.	2.40
Mott Iron Works, J. L.	328.72	Pittsburg Dispatch.	2.40
Muehleisen Co., Wm.	6.00	Pittsburg Plate Glass Co.	862.82
Mueller Manufacturing Co., H.	789.00	Plimpton, Cowan & Co.	26.44
Murphy Co. (Incorporated), E. J.	73.39	Plummer, W. A.	14.44
Murphy, Geo. I.	18.00	Pogue Co., H. & S.	31.40
Murphy, J. J.	1.50	Polk Co., J. T.	7.50
Muschenheim, Wm. C.	7.20	Portland Laundry Co.	4.00
Musolino & Berger.	15.95	Portland Ry. Light and Power Co.	40.00
Muth & Co., Geo. F.	1,003.45	Po'mac Electric Power Co.	37.00
National Electric Supply Co.	139.59	Potter & Sons, W. N.	6.15
National Folding Box and Paper Co.	46.00	Potter Grain Co.	5.00
National Ice and Cold Storage Co.	55.20	Pr cht, H. J.	16.50
Nawrath, J. P.	36.85	Prescott & Smith.	47.00
Neal Blun Co.	3.20	Pueblo Wholesale Drug Co.	9.15
Neligan, Wm. W.	3.60	Puffer Co., H. C.	5.00
Nelson Refrigerator Co.	587.28	Purtell & Co., J. J.	9.92
Neuman & Schwiars Co.	16.26	Quong Fung Co.	606.48
Newbauer & Co., J. H.	6.40	Radische Co.	1.50
Newbold, Alice R.	2.14	Ragon Bros. (Incorporated).	6.61
Newman, E. S.	10.00	Randolph & West Co.	19.03
Newman & Levinson (Incorporated).	5.00	Rankin, Wm.	3.60
New Ulm Roller Mill Co.	4.00	Rath, Nicholas & Co.	3.63
New York Evening Mail.	30.00	Rathman-Hall Co.	17.65
New York Tribune Association.	10.50	Rau, John C.	108.13
Nice, Eugene E.	.52	Raub, S. C.	12.30
Nicelle Olive Oil Co.	29.06	Rauvallo, Joseph.	5.80
Nichols, W. B.	3.50	Rayl Co., T. B.	7.70
Nicholas & Co., G. S.	29.69	Raymer Hardware Co.	3.50
Nicholson & Son, Jas. A.	20.75		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Raymond Lead Co.....	\$8.13	Sheldon & Co., G. W.....	\$34.89
Rayner Hardware Co.....	12.00	Shields, W. S. P.....	230.00
Reichard, F. A.....	4.58	Shine & Co., Jno. H.....	3.65
Reifel, Chas. J.....	17.30	Shipe, H. W.....	51.35
Reilly, Hugh.....	19.33	Shipley Massingham & Co.....	18.00
Reiss & Brady.....	27.76	Shoomaker Co.....	27.50
Remington Typewriter Co.....	1,061.34	Showell & Fryer (Limited).....	8.28
Remmel, H. I.....	28.20	Shreve & Co.....	7.50
Reynier & Bro. (Incorporated).....	10.10	Sibley & Pitman.....	1.00
Reynier, J.....	3.60	Siegel, Cooper & Co.....	45.14
Richard & Co.....	6.00	Simplex Electric Heating Co.....	654.60
Richard, F. A.....	2.52	Simpson & Ingram.....	4.80
Richards (Incorporated), E. N.....	18.00	Simpson & Co., S. G.....	4.00
Richards & Connor Hardware Co.....	14.84	Sinclair Scott Co.....	3.75
Ridenour, Boker & Bragdon Mercan- tile Co.....	10.59	Sloane (Incorporated), W. & J.....	90.75
Riley, Henry D.....	38.70	Sloat Bros.....	15.00
Ring & Co., Reuben.....	12.29	Slocum Bergren Co.....	6.51
Roanoke Wine Co.....	6.00	Smith, Arnett G.....	12.86
Roberts & Co., F. L.....	3.26	Smith Bros. Co. (Limited).....	12.60
Roden Grocery Co., B. F.....	3.04	Smith & Co., Jas. P.....	28.29
Roebeling's Sons Co., John A.....	339.53	Smith, Kline & French Co.....	8.25
Root Co., The A. I.....	24.00	Smith Premier Typewriter Co.....	132.90
Ropes Bros.....	9.10	Solari (Limited), A. M. & J.....	7.42
Rosenberg Bros. & Co.....	93.61	Solari & Co., John.....	10.00
Rosenthal, H. J.....	7.50	Somerville Co., Thos.....	533.03
Ross, Jno. H.....	3.00	Sonneborn, Lee.....	13.50
Ross & Bro. (Incorporated), W. A.....	1.57	Southeast Brass Foundry.....	6.00
Rothschild & Co., Louis.....	3.38	Southern Printers' Supply Co.....	30.86
Roty & Son, A.....	14.50	Spelger & Hurlbut.....	53.76
Rover, T. A.....	6.90	Spellman & Co., E. L.....	2.35
Rowe & Son, A. C.....	421.20	Spomer, A.....	19.69
Ruby Bros.....	4.20	Sprague Canning Machinery Co.....	47.75
Rudolph & West Co.....	571.41	Squire Electric Co.....	141.00
Rulon & Sons, I. W.....	1.74	Stallman & Fulton Co.....	3.71
Russow, A.....	40.00	Standard Electric Co.....	135.00
Ryan, Richard.....	3.00	Standard Oil Co. of New York.....	36.48
Sabino & Figlio, A.....	4.00	Stanley, A.....	6.70
Sacco, Joseph.....	3.10	Stannard, A. B.....	7.00
St. Louis Globe Democrat.....	10.50	Starace, Achille.....	10.62
Sampson & Murdock Co.....	6.00	Stark, F. C.....	7.65
Samuels & Co., A.....	9.00	Stebbins Hardware Co.....	55.73
Santa Clara Valley Mill and Lumber Co.....	41.98	Stechert & Co., G. E.....	1,791.01
Saunders, Chas. E.....	1.50	Steele, Ralph A.....	53.75
Savannah Gas Co.....	26.40	Steiger & Co., E.....	1,410.37
Savannah Ice Delivery Co.....	17.70	Stein-Brooks Importing Co.....	6.00
Savannah Monument and Tile Co.....	10.00	Stein, Hirsh & Co.....	.90
Scanlon, Daniel.....	3.00	Stephenson & Co., Geo. K.....	17.85
Schaefer, J. W.....	3.60	Stevens, Geo. A.....	6.15
Schaefer Rubber Co.....	15.50	Stewart, S. B.....	6.00
Schering & Glatz.....	.90	Stinson, W. F.....	27.00
Schieffelin & Co.....	2.50	Stock Sons, John.....	32.95
Schirmer, A.....	99.00	Stockstill, D. W.....	27.94
Schlimme, F.....	88.75	Stoelting Co., C. H.....	2.25
Schlobohm & Co.....	.90	Stollwerck Bros.....	3.67
Schmid, Edw. S.....	7.50	Stout, David.....	3.87
Schmidt & Ziegler.....	4.40	Straub Co., The A. W.....	8.60
Schneider, F. W.....	22.50	Strawbridge & Clothier.....	64.42
Schneider's Sons, C.....	3.00	Street, John P.....	50.00
Schott, J. J.....	158.79	Strohmeyer & Arpe.....	30.41
Schuh Drug Co.....	5.59	Sutcliffe & Blied.....	18.50
Schuneman & Evans.....	4.15	Sutter, Rancho.....	145.01
Schuneman Co., J. L.....	12.00	Taylor & Sons (Incorporated), E. H., Jr.....	6.15
Schwarz, S.....	6.00	Taylor, Geo. W.....	32.84
Scientific Material Co.....	50.00	Taylor & Co., W. A.....	8.17
Scott Sign Co.....	8.00	Taylor & Stanton.....	419.76
Sears & Nichols Co.....	11.70	Temple Drug Co.....	11.30
Sears, Roebuck & Co.....	9.18	Templeton Co., J. D.....	39.00
Seattle Lumber Co.....	26.51	Tharps Sons, James.....	6.00
Seattle Tiling and Mantel Co.....	5.50	Thiede Bros.....	16.50
Selinger, S. M.....	7.05	Thomas, B. M.....	167.35
Semmes-Kelly Co., The.....	28.20	Thomfort, Henry.....	4.91
Shaw & Co.....	12.47	Thompson, C. W.....	179.59
Shawnee Milling Co.....	8.00	Thompson Distilling Co.....	5.42
Shea, N. H.....	11.55	Thompson & Leavitt.....	30.32
		Thorburn & Co., J. M.....	3.05

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board),  
 \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Thorkildsen, Thos. ....	\$20.85	Wilmot Castle Co. ....	\$19.35
Tin Shop Co. ....	19.00	Wilson & Co., F. Cortez ..	41.53
Todes Delicatessen Import. ....	.75	Wilson, T. B. ....	78.00
To-Kalon Wine Co. ....	4.50	Winch, S. G. ....	2.00
Tolman Laundry ....	11.54	Winters, S. E. ....	.42
Travelers and Tourists' Supply Co. ....	7.75	Winters Dried Fruit Co. ....	6.25
Trollo, Vic. ....	10.00	Witte Hardware Co., F. T. ....	14.80
Trotter Bros. ....	17.36	Wolff Manufacturing Co., L. ....	40.91
Trow Directory Printing and Book-binding Co. ....	8.00	Wolfeister Co., O. L. ....	10.25
Tupper & Co., W. W. ....	28.00	Wollberg & Co., B. ....	2.00
Turner & Co., E. P. ....	13.87	Wood, Pollard & Co. ....	7.02
Turner, J. W. ....	17.85	Woodward & Lothrop. ....	77.44
Twin City Drug Mills. ....	.20	Woolf & Co., C. M. ....	16.00
Typewriter and Office Supply Co. ....	19.20	Wooten, J. L. ....	7.50
Ulbrich Co., Otto. ....	4.00	Xander, Christian. ....	15.75
Underwood Typewriter Co. ....	1,156.50	Yates, W. W. ....	5.15
Union Toilet Supply Co. ....	33.55	Zanesville Stoneware Co. ....	29.30
United Confectioners' Supply Co. ....	1.82	Zimigibel, J. P. ....	4.00
United States Mailing Case Co. ....	10.00	Total. ....	50,823.76
University of California, Regents of. ....	81.72	<i>Furniture.</i>	
Uppike Milling Co. ....	7.50	Bacon Sons, A. S. ....	1.50
Vance & Co., James M. ....	22.01	Bertram, James. ....	21.80
Vandergrift & Co., F. B. ....	15.00	Boudrey, P. & Herel, Franck. ....	110.00
Van Rensseleer & Co., C. A. ....	6.20	Brown, Treacy & Sperry Co. ....	31.35
Viale, Guiseppe. ....	3.20	Cappel Furniture Co. ....	72.00
Villere, Ernest C. ....	12.28	Carter Co., Robert E. ....	18.00
Vilter Manufacturing Co., The. ....	35.00	Century Furniture Co. ....	15.75
Vogt, F. ....	53.70	Clark & Co., Rex B. ....	22.20
Von Bremen, MacMonnies & Co. ....	25.07	Clarke & Courts. ....	17.65
Vulcan Sheet Metal Co. ....	15.66	Cutler Desk Co. ....	6.00
Wade, G. Taylor. ....	27.70	De Coster & Clark Co. ....	46.10
Waggoner-Gates Milling Co. ....	17.60	Derby Desk Co. ....	247.59
Wagner & Sons, Jno. ....	1.71	Frederick & Nelson (Incorporated). ....	13.00
Wakem & McLaughlin (Incorporated). ....	17.45	Fuller Desk Co., Geo. H. ....	57.75
Waldorf-Astoria Import Co. ....	3.15	Gerber, A. D. ....	91.00
Waldorf Importation Co. ....	.85	Gerry Co., Fredk P. ....	9.00
Walber & Lea Co. ....	5.00	Gevurtz & Sons. ....	8.95
Walker Sons, J. T. ....	1.50	Glass & Prudhomme Co. ....	61.75
Wallace, Ph. B. ....	5.41	Globe-Wernicke Co. ....	322.25
Walpert, Joseph. ....	28.50	Goldberg, Bowen & Co. ....	75.00
Walton & Co., D. S. ....	39.00	Hamilton Manufacturing Co. ....	318.55
Wanamaker, John. ....	27.20	Hawaii Office Specialty Co. ....	7.50
War Department. ....	7.20	Hengerer Co., Wm. ....	66.80
Ward & Co., A. P. ....	3.00	Hill, Frank R. ....	176.25
Warner, L. ....	24.00	Hoeke, W. H. ....	613.25
Washington Market Co. ....	44.85	Hopp & Co., J. ....	17.50
Washington Wood Working Co. ....	156.10	Hoskins Co., Wm. H. ....	27.50
Watson Bros. ....	5.22	Kahler Company. ....	1,180.76
Weaver Hardware Co. ....	3.00	Kauffman, Meyers & Co. ....	18.50
Weber Bros. Metal Works. ....	20.00	Keith Furniture and Carpet Co., Robert. ....	17.00
Weber & Co., F. ....	27.99	Kilpatrick Furniture Co., J. G. ....	206.00
Weber, J. ....	4.12	King Lumber Co. ....	28.75
Webb & Meyer. ....	4.00	Kramer, H. ....	11.00
Webster-Citizens Co. ....	21.09	Lansburgh Furniture and Carpet Co., J. ....	421.28
Webster & Mason. ....	9.60	Library Bureau. ....	368.65
Wedderburn Co., John. ....	24.00	Lincoln, Fred S. ....	1,640.34
Weed & Co., J. D. ....	1.80	Macey Co. ....	46.00
Weichselbaum & Mack, Sam. ....	7.50	Millard Bros. ....	7.65
Wells-Abbott-Nieman Co. ....	7.11	Moses & Sons, W. B. ....	779.18
Werner, A. ....	7.50	Norris Safe and Lock Co. ....	10.00
Western Brass Works Co. ....	12.58	Orpin Bros. ....	12.75
Western Electric Co. ....	5.67	Portland Mill and Fixture Co. ....	126.00
White, Fred C. ....	51.15	Redmond, Chas. D. ....	89.50
Whitney, T. M. ....	243.25	Remington Typewriter Co. ....	3.80
Wickline, Frank. ....	29.50	Savannah Stationery and Printing Co. ....	6.50
Wiegand, Martin. ....	357.00	Schmidt, O. H. ....	236.50
Wilder & Co., J. ....	9.00	Schmitt, J. B. ....	77.00
Wile Sons & Co., Julius. ....	44.19	Scoll Bros. & Owens. ....	9.00
Wilkie, J. B. ....	404.72	Smyth Co., John M. ....	149.50
Williams, J. J. ....	7.50	Taylor, George W. ....	13.00
Williams, N. A. ....	3.67		
Williams, Davis, Brooks & Hinchman Sons. ....	11.28		
Williamson Bayless Co., The. ....	3.34		

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Freight—Continued.</i>	
Walker Mulligan Furniture Co.....	\$21. 40	New York, New Haven and Hartford R. R.....	\$5. 01
Wanamaker, Jno.....	215 30	Norfolk and Washington (D. C.) Steamboat Co.....	85. 62
Ward Auction Co., The.....	7. 00	Northern Pacific Ry. Co.....	125. 66
Williams Co., Geo. A.....	108 00	Ocean Steamship Co. of Savannah.....	1. 89
Woodruff Manufacturing Co.....	70. 00	O'Leary, M. J.....	34. 14
Woodward & Lothrop.....	629 32	Omaha Merchants Express and Transfer Co.....	8. 00
Yawman & Erbe Manufacturing Co.....	1,253. 68	Oregon R. R. and Navigation Co.....	64 25
Total.....	10,239. 95	Oregon Transfer Co.....	23. 36
<i>Freight.</i>		Pennsylvania R. R. Co.....	63. 87
American Transfer Co.....	3. 50	Pennsylvania Transfer Co.....	9. 25
Atchison, Topeka and Santa Fe Ry. Co.....	66 90	Peoples Express and Storage.....	2. 50
Atlantic Coast Line R. R. Co.....	10. 88	Portland Warehouse and Dock Co.....	8. 50
Baltimore and Ohio R. R. Co.....	38 78	Reliable Transfer Co. (Incorporated).....	13. 14
Barr, M.....	5. 30	Roosa, I. P.....	6. 20
Benedict Warehouse and Transfer Co.....	35. 33	St. Louis Transfer Co.....	3. 45
Blue Line Transfer Co.....	37 22	Southern Pacific Co.....	55. 81
Chesapeake and Ohio Ry. Co., The.....	22. 81	Southern Ry. Co.....	13. 17
Chicago, Burlington and Quincy R. R. Co.....	42. 94	Star Union Line.....	8. 30
Chicago Great Western Ry. Co.....	10. 06	Students Transfer Co.....	14. 00
Chicago, Milwaukee and St. Paul Ry. Co.....	18 30	Sunny Side Distilling Co.....	5. 44
Chicago, Rock Island and Pacific Ry. Co.....	163. 69	Terminal R. R. Association.....	7. 48
Chicago, St. Paul, Minneapolis and Omaha Ry. Co.....	1. 77	Thompson's Transfer Co.....	5. 50
Cleveland, Cincinnati, Chicago and St. Louis Ry.....	54. 47	Tweddell & Co., agents, Wm. H.....	5. 12
Clinton Transfer Co.....	36. 00	Union Pacific R. R. Co.....	30. 51
Delaware, Lackawanna and Western R. R.....	57. 72	Wabash R. R. Co.....	15. 37
Denver and Rio Grande R. R.....	25. 35	Washington Southern Ry. Co.....	2. 93
Denver Storage Warehouse Co.....	14. 00	Wiley & Nicholls Co.....	35. 85
Detroit and Cleveland Navigation Co.....	1. 82	Total.....	1,866. 79
Deveaux, John H.....	1. 30	<i>Express.</i>	
Dixon Transfer Co., Arthur.....	2. 50	Adams Express Co.....	2,493. 65
Dolan Team Co., John F.....	68. 85	Caire Co., Justinian.....	9. 30
Empire Transfer Co.....	1. 26	Pacific Express Co.....	9. 75
Erie Railroad Co.....	8. 13	United States Express Co.....	692. 27
Galveston, Harrisburg and San Antonio Ry. Co.....	17. 62	Wells, Fargo & Co.....	206. 12
Glenn & Son, O. J.....	12. 82	Total.....	3,411. 09
Great Northern Ry. Co.....	19. 15	<i>Telegraph.</i>	
Hannon, James S.....	3. 20	Clarke, C. W.....	. 20
Holland American Line.....	6. 61	Postal Telegraph-Cable Co.....	388. 41
Holman Transfer Co.....	13. 72	Western Union Telegraph Co.....	365. 68
Illinois Central R. R. Co.....	10. 78	Total.....	754. 29
Kentucky Distilleries and Warehouse Co.....	3. 80	<i>Telephone.</i>	
Keystone Transfer Co.....	37. 75	Bell Telephone Co. of Pennsylvania... Chesapeake and Potomac Telephone Co.....	70. 65
Knox Express Co., The Geo. W.....	69. 88	Chicago Telephone Co.....	103. 24
Lake Shore and Michigan Southern Ry. Co., The.....	16. 77	Cincinnati and Suburban Bell Telephone Co.....	126. 50
Lehigh Valley R. R. Co.....	2. 21	Colorado Telephone Co.....	13. 30
Libby & Co., T.....	2. 94	Cumberland Telegraph and Telephone Co.....	33. 56
Louisville and Nashville R. R. Co.....	2. 87	Frontier Telephone Co.....	60. 00
Louisville Public Warehouse Co.....	7. 80	Georgia Telephone and Telegraph Co.....	36. 00
McEvoy, Thos. J.....	12. 05	Goldsborough, P. L.....	15. 30
McHugh Express.....	25. 85	Keystone Telephone Co. of Philadelphia.....	. 30
McNab & Smith.....	2. 54	Michigan State Telephone Co.....	56. 05
Mallory Co., S. S.....	65. 00	Missouri and Kansas Telephone Co.....	62. 19
Merchants Delivery Co.....	. 75	Missouri Telephone Co. (Limited).....	27. 00
Michigan Central R. R. Co.....	7. 55	New England Telephone and Telegraph Co.....	12. 00
Minneapolis and St. Louis R. R.....	3. 27	New York Central and Hudson River R. R. Co.....	87. 29
Mississippi Packet Co.....	31. 16	Pacific States Telephone and Telegraph Co.....	37. 95
Missouri, Kansas and Texas Ry. Co.....	23. 67	Pacific Telephone and Telegraph Co.....	57. 85
Missouri Pacific Ry. Co.....	8. 70		
New Orleans and Northeastern R. R. Co.....	6. 17		
New York Central and Hudson River R. R. Co.....	1. 03		
New York, Chicago and St. Louis R. R.....	67. 93		

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Telephone—Continued.</i>		<i>Apparatus, instruments, and laboratory material—Continued.</i>	
Southern Bell Telephone and Telegraph Co.....	\$7.25	Black, J. Gordon.....	\$3.25
Southwestern Telephone and Telegraph Co.....	36.85	Boehm, W. J.....	40.35
Tri-State Telephone and Telegraph Co.....	35.55	Boekel & Co., Wm.....	4.75
Total.....	878.83	Boesch Lamp Co.....	44.50
<i>Rent.</i>		Bramhall Deane Co.....	8.25
Arcade Building and Realty Co.....	1,500.00	Caire Co., Justinian.....	1,124.92
Beavers, John M.....	125.00	Cardonale Instrument Co.....	19.20
Beveridge, estate of Susan J.....	225.00	Carbonic Dioxide Corporation.....	23.50
Bi-Metallic Investment Co.....	1,200.00	Carl, Frederick.....	190.00
Buhl, Willis E.....	600.00	Cassella Color Co.....	1.55
Corbett, estate of H. W.....	1,155.00	Cassett, L. N. V.....	14.05
Davis, Floyd E.....	180.65	Clad & Sons (Incorporated).....	31.50
Ellerson, James R.....	800.00	Columbia Photo Supply Co.....	539.54
Felton & Son (Incorporated).....	6.67	Cossett, L. N.....	3.20
First National Bank Building.....	1,000.00	Crescent City Carbonate Co.....	10.00
Holt, Geo. H.....	2,250.00	Crosemire & Acker Co.....	8,406.17
Jackson & Co., J. T.....	1,230.00	Daigger & Co., A.....	19.55
Johnson & Son, J. H.....	2,500.00	Day Co., J. H.....	134.50
Louisville Public Warehouse Co.....	45.00	Diercks, C. H.....	10.00
Park, Wm. G. & D. E.....	395.00	Dougherty, James T.....	362.92
Pennsylvania Cold Storage and Market Co.....	300.00	Eastern Chemical Co.....	2.75
Pilling, John W.....	300.00	Eastern Drug Co.....	203.90
Territory of Hawaii.....	150.00	Eberbach & Son.....	3.50
Washington Loan and Trust Co.....	175.00	Eimer & Amend.....	3,437.44
Wright Building Co.....	324.00	Emerson, R. L.....	14.00
Total.....	14,461.32	Farbenfabriken of Elberfeld Co.....	3.-0
<i>Gas and electricity.</i>		Feidt & Co., Geo. D.....	18.27
Boston Consolidated Gas Co.....	82.32	Finley & Son, F. H.....	6.00
Brush Electric Light and Power Co.....	26.65	Fritzsche Bros.....	37.10
Denver Gas and Electric Co.....	8.80	Galveston Gas Fitting and Plumbing Co.....	20.00
Detroit City Gas Co.....	42.32	Gilman, Z. D.....	4,240.50
Edison Illuminating Co. of Detroit.....	25.28	Grand, J. L.....	44.00
Holt, George H.....	143.71	Green, Henry J.....	48.00
Honolulu Gas Co.....	5.25	Greiner Co., The Emil.....	733.79
McGowan, Small & Morgan.....	2.00	Haworth Co., John.....	4.00
New Orleans Gas Light Co.....	75.25	Heil Chemical Co., Henry.....	6.20
Peoples Gas Light and Coke Co.....	55.66	Herpich, Chris.....	414.00
Portland Gas Co.....	3.90	Internal-Revenue Bureau.....	128.25
Potomac Electric Power Co.....	1,041.58	Jolley & Co., J. H.....	2.49
St. Paul Gas Light Co.....	35.41	Kahlen, Cornelius.....	37.00
Savannah Electric Co.....	7.10	Kahn & Co., Henry.....	10.00
Savannah Gas Co.....	30.75	Kelly Co., Geo. A.....	21.00
Seattle Lighting Co.....	24.80	Kny-Scheerer Co.....	222.35
United Gas Imp. Co.....	60.57	Koechl & Co., Victor.....	3.40
Washington Gas Light Co.....	1,114.38	Koelner, John.....	454.80
Total.....	2,785.66	Lamont, G. E.....	15.00
<i>Apparatus, instruments, and laboratory material.</i>		Lea Heater & Sons, E. S.....	42.12
Alberene Stone Co.....	1,109.04	Leese, M. A.....	12.56
Allen, F. M.....	384.00	Leitz, Ernest.....	514.38
Allen, Mitchell & Co.....	745.53	Lentz & Sons, Chas.....	3.30
Altender, J. V.....	38.00	Lenz & Lossan.....	4.90
American Copper and Brass Works.....	220.00	Lewis, E. J.....	2.00
American Distilling Co.....	1,259.03	Lincoln, Edward R.....	21.80
American Spirits Manufacturing Co.....	5.68	Lyons & Co. (Limited), I. L.....	216.36
Badische Co.....	64.50	Macaluso Bros.....	8.88
Baker & Co. (Incorporated).....	5,711.63	Machlett & Son, E.....	622.48
Baker & Adamson Chemical Co.....	4.15	Mackall Bros.....	5,671.80
Bausch & Lomb Optical Co.....	10,790.52	Magnus, Mabee & Reynard (Incorporated).....	6.50
Becker, Christian.....	4,699.50	Mathy Co.....	54.50
Berkefeld Filter Co.....	15.00	Merck & Co.....	419.91
Bischoff & Co., C.....	25.50	Metcalf Co., T.....	22.56
Bishop & Co., J.....	1,574.28	Miller & Bro., Fred B.....	3.50
		National Aniline and Chemical Co.....	15.86
		National Drug and Chemical Co. (Limited).....	3.70
		Northwestern Consolidated Milling Co.....	45.00
		Noyes Bros. & Cutler.....	61.37
		Parke, Davis & Co.....	35.25
		Parker Manufacturing Co.....	50.00
		Pennock, Edward.....	13.92
		Perkins & Son (Incorporated), B. F.....	76.00

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1903, under appropriation "Laboratory, Department of Agriculture, 1903 (less \$10,000, allotted for referee board), \$640,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Philadelphia Coppersmithing Co. ....	\$330.00	Chick, Thomas. ....	\$790.93
Philadelphia Thermometer Co. ....	32.00	Church, C. G. ....	429.25
Plimpton, Cowan & Co. ....	22.88	Clark, Edmund. ....	90.62
Powers-Weightman-Rosengarten Co. ....	65.10	Colby, Geo. E. ....	44.00
Prescott, J. H. ....	20.00	Cook, C. L. ....	8.75
Pullman, E. J. ....	597.38	Cook, Frank C. ....	94.70
Queen & Co. (Incorporated). ....	7.75	Diamond, E. F. ....	32.69
Roessler & Hasslacher Chemical Co. ....	2.00	Dodge, C. O. ....	245.45
Sargent & Co., E. H. ....	3,098.42	Doolittle, R. E. ....	1,975.89
Schieffelin & Co. ....	48.26	Dubois, W. L. ....	238.71
Schneider Bros. ....	68.00	Duff, J. C. ....	917.85
Sheetz, W. Silas. ....	5.00	Dunbar, P. B. ....	50.90
Smith, Kline & French Co. ....	2.60	Duncan, R. A. ....	100.32
Snodgrass Drug Co. ....	5.60	Dunlap, F. L. ....	430.37
Solomons Co. ....	14.61	Dyer, D. C. ....	131.11
Spencer Lens Co. ....	21.04	Earnshaw, J. E. ....	1,025.45
Squibb & Sons, E. R. ....	34.20	Earnshaw, Jno. F. ....	920.95
Stearns & Co., Frederick. ....	9.00	Eaton, Elgar O. ....	9.90
Stewart & Holmes Drug Co. ....	8.10	Flanders, Fred F. ....	451.74
Thomas Co., A. H. ....	6,659.12	Ford, Wm. T. ....	1,297.01
Tobin & Co., James L. ....	24.00	Fuller, Henry C. ....	51.23
Troemner, Henry. ....	93.75	Garber, J. H. ....	2,546.29
Tudor Boiler Manufacturing Co. ....	49.00	Given, Arthur. ....	61.21
Von Schaack & Son, Peter. ....	4.59	Gore, H. C. ....	206.30
Wagner Glass Works. ....	5.80	Gould, R. A. ....	499.62
Wallace, Ph. B. ....	26.51	Graham, A. E. ....	226.80
Warner, L. ....	2.40	Green, Thos. P. ....	21.70
Washington Wholesale Drug Exchange. ....	151.26	Hager, Gordon H. ....	21.89
Webb Drug Co. ....	3.25	Haley, J. C. ....	1,193.62
Webb & Son, A. L. ....	64.07	Harrison, C. W. ....	522.73
Weber Bros. Metal Works. ....	11.25	Hart, B. R. ....	127.53
Western Distributing Co. ....	28.87	Havenhill, L. D. ....	11.25
Western Wholesale Drug Co. (Incorporated). ....	4.37	Hayes, E. F. ....	33.23
Whitall, Tatum Co. ....	1,137.08	Haywood, J. R. ....	263.13
Williams, Davis Brooks & Hinchman Sons. ....	4.07	Hepburn, Joseph S. ....	46.20
Wolff Drug Co. ....	1.25	Hesse, B. C. ....	72.27
Woodard Clarke & Co. ....	11.85	Hiltner, R. S. ....	35.60
Total. ....	68,432.19	Hilts, R. W. ....	187.87
<i>Travel and station and field expenses.</i>		Holland, H. J. ....	19.00
Adams, Geo. H. ....	1,089.32	Holman, H. P. ....	8.95
Albrech, M. C. ....	330.28	Holton, C. E. ....	1,429.20
Alwood, Wm. B. ....	760.58	Hoover, Geo. W. ....	107.18
Anderson, Wm. H. ....	1,075.06	Howard, B. J. ....	42.00
Ashley, Alex. McC. ....	39.40	Howard, C. D. ....	3.81
Bailey, Herbert S. ....	108.80	Jacobs, Ben R. ....	138.30
Balcom, R. W. ....	230.38	Jaffa, M. E. ....	112.65
Barber, Kate G. ....	7.40	Jenkins, Wm. H. ....	1,353.82
Barker, Howard W. ....	1,071.77	Johnson, Chas. W. ....	9.70
Bartlett, M. ....	609.19	Judge, Arthur I. ....	967.82
Bastable, E. J. ....	775.42	Kebler, L. F. ....	627.21
Bettoli, R. W. ....	133.55	Keister, J. T. ....	82.30
Bigelow, W. D. ....	894.11	Kimberly, Chas. H. ....	21.95
Bitting, A. W. ....	362.61	Kitchen, Harry C. ....	1,708.48
Bourgeois, E. ....	9.90	Knisely, A. L. ....	537.68
Boyles, F. M. ....	220.00	Leach, A. E. ....	96.39
Brinton, C. S. ....	192.30	Le Clerc, J. A. ....	206.15
Brown, A. ....	1,035.51	Lewis, Winford L. ....	269.40
Browne, Chas. A., jr. ....	10.58	Liepsner, Frank W. ....	140.05
Bryan, A. Hugh. ....	486.96	Link, John H. ....	97.25
Burd, J. S. ....	149.49	Loomis, Henry M. ....	174.95
Burnet, W. C. ....	312.40	Luther, John B. ....	8.19
Burnett, Lyle B. ....	6.05	Lyman, E. R. ....	495.11
Cameron, Walter S. ....	371.99	Lynch, J. L. ....	791.73
Campbell, W. G. ....	695.39	Lyons, Geo. W. ....	94.10
Chace, E. M. ....	1,828.51	McCabe, Geo. P. ....	26.35
Chamberlain, Jos. S. ....	100.13	McClelland, Byron. ....	9.90
Cheney, Arthur S. ....	300.92	McDonald, Edw. A. ....	1,529.66
Chesnut, V. K. ....	119.97	McDonnell, C. C. ....	29.35
		McIntyre, A. J. ....	515.68
		McLellan, A. ....	15.55
		Marks, Louis. ....	1,325.93
		Merrill, Frank D. ....	100.00
		Meserve, C. A. ....	1,071.42
		Miller, W. C. ....	1,085.62

## BUREAU OF CHEMISTRY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture, 1908 (less \$10,000, allotted for referee board), \$640,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Mitchell, A. S.....	\$114.44	Straughn, M. N.....	\$644.18
Moore, C. C.....	233.40	Sudler, O. R.....	1,545.24
Moore, Harry C.....	1,533.08	Sy, Albert P.....	15.30
Mory, A. V. H.....	197.34	Taylor, Alfred E.....	31.60
Moulton, Dudley.....	159.45	Taylor, Mary W.....	110.78
Moulton, S. M.....	132.20	Tolman, L. M.....	626.52
O'Brien, Thos.....	6.25	Veit, F. P.....	154.15
Pappe, Theodore F.....	208.70	Wagner, H. H.....	1,218.74
Parker, C. E.....	73.03	Walker, P. H.....	126.85
Patrick, G. E.....	86.94	Walls, E. P.....	425.49
Pennington, Mary E.....	334.78	Walsh, D. M.....	1,675.90
Raynor, Frank B.....	1.25	Wedderburn, A. J.....	2.70
Read, Effie A.....	1.25	Wessling, Hannah L.....	54.85
Rex, M. A.....	3,158.99	Wharton, Wm. R. M.....	866.82
Rosenstein, Ludwig.....	54.55	White, Bertram R.....	405.81
Ross, Samuel H.....	490.55	White, Herbert.....	200.62
Ruddiman, E. A.....	87.97	Wichmann, Hugo J.....	51.25
Rusby, H. H.....	57.74	Wilcox, Burton B.....	20.07
Salant, William.....	23.45	Wiley, H. W.....	574.50
Sammert, C. F.....	103.25	Williams, R. W., jr.....	58.25
Sawyer, Harris E.....	41.51	Wilson, C. P.....	51.14
Schulz, H. L.....	230.96	Winslow, B. C.....	1,314.86
Seil, Harvey A.....	2.50	Winton, A. L.....	616.31
Shanley, Edward J.....	136.83	Wise, Frank H.....	63.70
Smith, B. H.....	232.46	Wollard, F. L.....	1,742.07
Smith, C. T.....	1,663.82	Woolsey, A. B.....	329.50
Smith, Fred G.....	40.80	Woodman, A. G.....	71.06
Snow, Frank J.....	49.30	Woodson, D. P., jr.....	17.45
Spencer, Herbert U.....	40.35	Young, Robert.....	746.74
Stengel, Arthur.....	982.04	Young, W. J.....	56.60
Stewart, Guy R.....	284.89		
Stiles, G. W., jr.....	368.87	Total.....	68,477.85

Total amount of above appropriation \$650,000 (less \$10,000 allotted for referee board)..... \$640,000 00

Total expenditures under above groups..... \$555,343.60

Advance to F. L. Dunlap, temporary special disbursing agent..... 246.61

555,590.21

Unexpended balance..... 84,409.79

Repayments to credit of appropriation..... 78.98

Net unexpended balance on September 30, 1908..... 84,488.77

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Laboratory, Department of Agriculture (referee board) 1908, \$10,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Chittenden, Russel H.....	Consulting scientific expert, at \$25 per diem.....	\$431.25	\$55.88
Hertter, C. A.....	do.....	75.00	19.82
Long, John H.....	do.....	475.00	305.44
Remsen, Ira.....	do.....	437.50	41.45
Taylor, Alonzo E.....	do.....	366.25	144.60
Wakeman, Alfred J.....	Expert, at \$250 per month.....	383.33	
Harvey, Samuel C.....	Agent, at \$80 per month.....	42.67	
Lucas, Daniel R.....	do.....	56.00	
Ringer, Adolph I.....	do.....	42.67	
Dakin, Henry D.....	Agent, at \$75 per month.....	22.50	
Baldwin, Helen.....	Agent, at \$60 per month.....	60.00	
O'Brien, Edward N.....	Agent, at \$40 per month.....	40.00	
Holmes, Henry.....	Agent, at \$35 per month.....	10.50	
Gwilliam, Laura.....	Collaborating stenographer, at \$25 per month.....	75.00	
Total.....		2,457.67	

## BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture (referee board), 1908, \$10,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Apparatus, chemicals, and laboratory materials—Continued.</i>	
Amberg, Samuel.....	\$386.00	Herpich, Chris.....	\$210.25
Crystal Spring Water Co.....	3.00	Lane, Ira G.....	29.20
Fair, The.....	21.21	Leitz, Ernest.....	36.00
Fleck Co., M. F.....	76.25	Sargent & Co., E. H.....	624.01
Hamilton, Mrs. M. K.....	50.28	Troy Laundry Machinery Co. (Lim- ited).....	13.50
Hillmans.....	81.26	Whitall, Tatum Co.....	38.54
Knickerbocker Ice Co.....	1.38		
McGunnigle, T. J.....	12.50	Total.....	1,702.75
Rembert & Co., John R.....	3.50		
Ryder's Printing House.....	17.00	<i>Travel and station and field expenses.</i>	
Stoddard Brown Co.....	15.00	Chittenden, R. H.....	55.88
Williams, Roger.....	17.00	Herter, C. A.....	19.82
Total.....	684.38	Long, John H.....	305.44
<i>Gas and electricity.</i>		Remsen, Ira.....	41.45
Consolidated Gas Co.....	18.80	Smith, A. W.....	94.05
<i>Apparatus, chemicals, and laboratory materials.</i>		Taylor, A. E.....	144.60
Baker & Adamson Chemical Co.....	3.00	Zappone, A.....	2.70
Eimer & Amend.....	748.25	Total.....	663.94

Total amount allotted for expenses of referee board..... \$10,000.00

Total expenditures under above groups..... 5,527.54

Unexpended balance..... 4,472.46

## SUMMARY.

Total appropriation for laboratory, Department of Agriculture, 1908 (including \$10,000 for referee board)..... 650,000.00

Total expenditures under this appropriation (including referee board)..... 561,117.75

Unexpended balance..... 88,882.25

Repayments to credit of appropriation..... 78.98

Net unexpended balance..... 88,961.23

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Laboratory, Department of Agriculture, 1908, \$650,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Baker & Co. (Incorporated).....	Platinum.....	\$4,072.80
Bausch & Lomb Optical Co.....	Polariscopes.....	648.00
Do.....	Laboratory supplies.....	555.04
Do.....	do.....	544.73
Bellamy & Hornung.....	Plumbing.....	642.00
Brentano's (Incorporated).....	Books.....	1,213.20
Brown & Sharpe Manufacturing Co., The.....	Milling machine.....	1,044.60
Crosel mire & Ackor Co.....	Platinum.....	1,272.68
Do.....	do.....	3,243.40
Do.....	do.....	697.00
Kahler Co., The.....	Laboratory equipment.....	661.78
Do.....	do.....	1,180.76
Do.....	do.....	1,297.87
Matlack, Joaquim B., and Charles H. Kerk.....	Platinum.....	1,277.28
Peterson & Co., Leonard.....	Laboratory equipment.....	605.00
Sargent & Co., E. H.....	Apparatus.....	673.12
Stechert & Co., G. E.....	Books.....	710.37
Thomas Co., Arthur H.....	Tintometers.....	839.20
Do.....	Ovens.....	648.00
Tumalty Plumbing Co., The Joseph F. Weldon & Kelly Co., The.....	Laboratory equipment.....	2,446.70
Wiegand, Martin.....	Plumbing.....	480.00
	Tables.....	357.06
Total.....		25,140.53

## BUREAU OF CHEMISTRY—Continued.

## RECAPITULATION.

Statutory salaries.....	\$46,902.24
Lump fund salaries:	
In Washington.....	157,118.39
Outside of Washington.....	171,386.87
Stationery.....	7,164.28
Miscellaneous supplies and services, equipment, books, machinery, etc.....	51,508.14
Furniture.....	10,239.95
Freight.....	1,866.79
Express.....	3,411.09
Telegraph.....	754.29
Telephone.....	878.83
Rent.....	14,461.32
Gas and electricity.....	2,804.46
Apparatus, instruments, and laboratory material.....	70,134.94
Travel and station and field expenses.....	69,141.79
<b>Total.....</b>	<b>607,773.38</b>
Advance to temporary special disbursing agent.....	246.61
<b>Total expenditures for entire Bureau of Chemistry.....</b>	<b>608,019.99</b>
Total of all appropriations.....	697,920.00
Total expenditures as above.....	608,019.99
Unexpended balance.....	89,900.01
Repayment to credit of appropriations.....	78.98
Net unexpended balance on September 30, 1908.....	89,978.99
Outstanding liabilities on September 30, 1908 (estimated).....	67,133.10
Balance to be turned back in Treasury (estimated).....	22,845.89

## PROJECTS.

The principal projects conducted by the Bureau of Chemistry during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Food and drug inspection and investigation:	
Washington food division.....	\$61,133.31
Washington drug division.....	30,609.44
Branch food and drug inspection laboratories:	
New York laboratory.....	46,085.63
Boston laboratory.....	10,524.37
San Francisco laboratory.....	9,155.07
New Orleans laboratory.....	4,582.09
Philadelphia laboratory.....	7,868.75
Chicago laboratory.....	22,275.92
St. Paul laboratory.....	9,370.56
Kansas City laboratory.....	3,375.31
Galveston laboratory.....	3,188.35
Portland laboratory.....	8,458.92
Buffalo laboratory.....	5,627.74
Denver laboratory.....	8,545.16
Seattle laboratory.....	6,343.77
Detroit laboratory.....	4,438.08
Cincinnati laboratory.....	6,401.52
Savannah laboratory.....	4,267.91
Honolulu laboratory.....	1,825.38
Omaha laboratory.....	4,943.79
St. Louis laboratory.....	5,687.27
Pittsburg laboratory.....	4,352.19
Nashville laboratory.....	3,459.79
Food and drug inspectors.....	114,971.17
Miscellaneous tests and investigations.....	26,411.48
Dairy tests and investigations.....	6,990.51
Leather and paper tests and investigations.....	10,209.38
Sugar tests and investigations.....	5,827.39
Contracts tests and investigations.....	13,933.57

Micro-chemical tests and investigations.....	\$7,083.01
Bacteriological tests and investigations.....	7,548.95
Animal physiological tests and investigations.....	11,012.70
Vegetable physiological tests and investigations.....	11,436.68
Food research work.....	15,402.38
Nitrogen tests and investigations.....	5,052.52
Studies of effect of environment on sugar corn.....	5,288.06
Study of fermentation in cider and fruit juices.....	4,670.32
Experiments in the sulphuring of fruits, sugar, and molasses.....	16,172.33
Office: Clerical, editorial, and administrative.....	67,882.70
Set aside by the Secretary of Agriculture for the use of the referee board of scientific experts (\$10,000), expended.....	5,527.54
Total.....	607,941.01

## BUREAU OF SOILS.

*Report of expenditures for the fiscal year ended June 30, 1903, under appropriation "Salaries, Bureau of Soils, 1903, \$36,980."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Whitney, Milton.....	Chief of bureau, at \$3,500.....	\$3,500.00	-----
Rice, A. G.....	Chief clerk, at \$2,000.....	2,000.00	-----
Bauman, Geo. W.....	Clerk, Class 4.....	1,800.00	-----
Seaton, Chas. H.....	do.....	1,800.00	-----
Drake, Chas. A.....	Clerk, class 3.....	1,600.00	-----
Barnes, J. H.....	Clerk, class 2.....	637.77	-----
King, G. B.....	do.....	758.33	-----
Newton, V. B.....	do.....	1,400.00	-----
Wolfe, C. A.....	do.....	1,400.00	-----
Clevenger, O. B.....	Clerk, class 1.....	1,200.00	-----
Connolly, A. L.....	do.....	1,173.33	-----
King, G. B.....	do.....	550.00	-----
Flavin, P. T.....	do.....	650.00	-----
McKericher, J. W.....	do.....	1,200.00	-----
Patterson, M. W.....	do.....	1,000.00	\$67.34
Weir, T. B.....	do.....	200.00	-----
Stewart, Janette.....	do.....	1,200.00	-----
Wieser, L.....	Draftsman, at \$1,200.....	1,200.00	-----
Briscoe, A. J.....	Draftsman, at \$1,000.....	1,000.00	-----
Cummings, Robt. F.....	Clerk, at \$1,000.....	1,000.00	-----
Dickson, E. J.....	do.....	877.78	-----
Flavin, P. T.....	do.....	416.67	-----
Kemper, John M., jr.....	do.....	486.11	-----
Hodge, F. E.....	do.....	833.34	-----
Patterson, M. W.....	do.....	166.66	-----
Ash, Geo. T.....	Clerk, at \$840.....	553.00	-----
Burck, C. A.....	do.....	70.00	-----
Fill, Howard.....	do.....	67.67	-----
Hodge, F. E.....	do.....	140.00	-----
Haygood, Serena.....	do.....	840.00	-----
Howe, Sarah W.....	do.....	793.34	-----
Blair, S. C.....	Carpenter, at \$840.....	840.00	-----
Bonde, R. J.....	Photographer, at \$1,000.....	1,000.00	-----
Tavener, P. R.....	Fireman, at \$840.....	560.00	-----
Weidman, Chas. S.....	do.....	250.00	-----
Groesbeck, D. V. H.....	Watchman, at \$720.....	266.00	-----
Talbot, Wm. N.....	do.....	428.00	-----
Moore, E. U.....	Watchman, at \$720.....	720.00	-----
Bresnahan, M.....	Messenger, at \$720.....	720.00	-----
King, Chas. W.....	Laborer, at \$480.....	480.00	-----
Brown, M. L.....	Charwoman, at \$480.....	480.00	-----
Mahan, T. F.....	Messenger boy, at \$360.....	360.00	-----

Total amount of appropriation.....	\$36,980.00
Total amount paid for salaries.....	36,648.00
Unexpended balance.....	332.00

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Soil investigations, 1908, \$170,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Bonsteel, J. A.	Scientist, at \$3,250	\$83,250.00	\$8774.25
Dorsey, C. W.	Scientist, at \$2,750	2,749.99	644.30
Schreiner, Oswald	do.	2,749.99	227.16
Gardner, Frank D.	Scientist, at \$2,500	2,500.00	220.97
Colley, Geo. N.	Scientist, at \$2,000	2,000.00	527.07
Faliyer, G. H.	do.	2,000.00	13.70
McGee, W. J.	Expert, at \$3,000	3,000.00	1,122.35
Bell, James M.	Expert, at \$2,000	2,000.00	37.50
Reed, H. S.	do.	2,000.00	339.76
Bowie, John R.	Expert, at \$1,800	75.00	
Sullivan, M. X.	do.	1,800.00	68.90
Rowe, Robert W.	Expert, at \$1,200	600.00	
Cameron, F. K.	Soil chemist, at \$3,000 and \$3,250	3,125.00	366.10
Patten, H. E.	Soil expert, at \$1,600	1,600.00	94.19
Shorey, E. C.	Assistant, at \$2,000	2,000.00	
Lapham, J. E.	Assistant, at \$1,800	1,800.00	
Nelson, J. W.	Assistant, at \$1,400 and \$1,600	1,500.00	776.62
Reid, F. R.	do.	1,500.00	
Robinson, W. O.	Assistant, at \$1,400 and \$1,800	1,600.00	
Smith, J. G.	Assistant, at \$1,400	1,400.00	
Stevens, F. D.	Assistant, at \$1,400, and collaborator, at \$60	339.16	
Taber, W. C.	Assistant, at \$1,400	824.44	40.80
Kolbe, L. A.	Assistant, at \$1,200	550.00	3.85
McClintock, J. F.	do.	150.00	
Maynadier, G. B.	Assistant, at \$1,200 and \$1,400	1,300.00	279.87
Meeker, F. N.	Assistant, at \$1,200	696.67	119.73
Tharp, W. E.	Assistant, at \$1,200 and \$1,400	1,300.00	723.61
Winckelmann, Henry	Assistant, at \$1,200	1,200.00	43.40
Beattie, J. H.	Assistant, at \$1,000	1,000.00	
Fletcher, C. C.	Assistant, at \$1,000 and \$1,400	1,133.33	
Gilbert, J. C.	Assistant, at \$1,000	1,000.00	41.93
Hill, D. H.	do.	1,000.00	
Wade, H. R.	Assistant, at \$1,000 and \$1,200	980.00	
Waggaman, W. H.	do.	1,100.00	
Crabb, Geo. A.	Assistant, at \$720	184.00	
Free, Edward E.	Scientific assistant, at \$1,400	1,096.67	20.15
Jackson, A. M.	Inspector, at \$1,200	1,200.00	
Monroe, George E.	Special agent, at \$100 per month, and special field agent, at \$5 per diem.	525.00	233.07
Bryan, Harry	Mechanician, at \$1,000 and \$1,200	1,100.00	
Forbes, C. G.	Carpenter, at \$4 per diem	128.00	
Downey, Michael	Plumber, at \$4 per diem	124.00	
Sachs, A. F.	do.	124.00	
Donohue, Timothy	Plumber's helper, at \$2 per diem	60.00	
Kernan, C. B.	do.	62.00	
Jester, J. Milton	Laboratory helper, at \$720	400.00	
Williams, E. A.	Laborer, at \$600	600.00	
Gray, L. L.	Laborer, at \$45 per month	405.00	
Thomas, W. T.	Laborer, at \$300	300.00	
Stewart, James	Unskilled laborer, at \$1.50 per diem	45.00	
Thompson, G. F.	do.	3.75	
Total		58,181.00	
<i>Out of Washington.</i>			
Smith, W. G.	Scientist, at \$2,000	2,000.00	715.20
Mackie, W. W.	Scientific assistant, at \$2,000	2,000.00	1,407.41
Wilder, Henry J.	Scientific assistant, at \$1,800	1,800.00	846.03
Carr, M. Earl	Scientific assistant, at \$1,600, and assistant, at \$1,800	1,700.00	663.83
Sweet, A. T.	Scientific assistant, at \$1,600	1,600.00	1,123.08
Britton, J. C.	Scientific assistant, at \$1,400, and collaborator, at \$60	730.00	280.69
Geib, W. J.	Scientific assistant, at \$1,400	1,400.00	985.00
Holmes, L. Carl	do.	1,400.00	734.79
Strahorn, A. T.	do.	1,400.00	1,080.70
Worthen, E. L.	do.	1,050.00	699.90
Lyman, W. S.	Scientific assistant, at \$1,200	1,200.00	671.49

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Soil investigations, 1908, \$170,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Mann, C. J.	Scientific assistant, at \$1,200 and \$1,400.	\$1,300.00	\$801.52
Smith, H. C.	Scientific assistant, at \$1,200.	1,200.00	389.17
Allen, Edward R.	Scientific assistant, at \$1,000 and \$1,200.	993.33	-----
Lee, Ora, jr.	do.	1,100.00	755.41
Mann, Chas. W.	do.	1,100.00	742.17
Taibby, George W., jr.	Scientific assistant, at \$1,000.	250.00	-----
Westover, H. L.	Scientific assistant, at \$1,000 and \$1,200.	1,100.00	782.76
Lapham, Macy H.	Assistant in soil survey, at \$2,000.	2,000.00	624.27
Bennett, Frank.	Assistant in soil survey, at \$1,600.	1,600.00	555.72
Caine, Thomas A.	Assistant in soil survey, at \$1,600 and \$1,800.	1,700.00	664.54
Carter, W. T., jr.	Assistant in soil survey, at \$1,600.	1,600.00	912.18
Hearn, W. E.	do.	1,600.00	966.44
Mangum, A. W.	do.	1,600.00	1,080.30
Mooney, C. N.	do.	1,600.00	463.95
Rice, Thomas D.	do.	1,600.00	900.03
Burgess, J. L.	Assistant in soil survey, at \$1,400 and \$1,600.	1,500.00	1,122.23
Jones, G. B.	Assistant in soil survey, at \$1,400.	1,400.00	766.69
McLendon, W. E.	do.	1,400.00	760.95
Skinner, J. J.	Assistant in soil management, at \$1,400.	1,400.00	10.54
Warner, J. F.	do.	1,400.00	637.82
Schroeder, F. C.	Assistant in soil management, at \$1,200.	133.33	59.94
Brown, B. E.	Assistant, at \$1,600 and \$1,800.	1,700.00	2.11
Kocher, A. E.	Assistant, at \$1,400.	1,400.00	1,262.55
Watson, E. B.	do.	700.00	318.36
Winston, R. A.	do.	1,400.00	994.20
Shaw, Charles F.	Assistant, at \$1,200, collaborator, at \$60, and scientific assistant, at \$1,200.	459.00	264.40
Ayrs, O. L.	Assistant, at \$1,200.	1,180.00	542.68
Eckman, O. L.	do.	293.33	96.66
Belden, H. L.	Assistant, at \$1,000 and \$1,200.	980.00	726.03
Jennings, H.	do.	1,100.00	570.52
Hall, J. Weston.	Assistant, at \$55 per month.	330.00	341.45
Bennett, H. H.	Laboratory assistant, at \$1,600.	1,600.00	1,077.77
Hurst, Lewis A.	Laboratory assistant, at \$1,400.	1,400.00	848.73
Latimer, W. J.	Laboratory assistant, at \$1,000.	1,000.00	509.79
Gray, M. W.	Map draftsman, at \$65 per month.	325.00	154.55
Allen, J. G.	Special agent, at \$100 per month.	50.00	-----
Zappone, C. R., jr.	Agent, at \$40 per month.	278.67	404.71
Total		58,052.66	-----

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Soil investigations, 1908, \$170,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.</i>	
Ballantyne, R. Carter.	\$55.88	American Can Co.	\$2.00
Contingent expenses, Department of Agriculture.	322.61	Barber & Ross.	64.87
Cornell Cooperative Society.	7.50	Bernasco, J.	3.50
Lamb & Tilden.	4.20	Bolgiano & Co., F. W.	16.05
Morrison Paper Co., E.	62.25	Browning & Middleton (Incorporated).	10.98
Parker, D. I rank.	6.88	Capital Traction Co.	30.00
Schmidt, Fred A.	120.14	Carl, Frederick.	5.40
Sharp & Sons (Incorporated), F.	8.25	Catlin Co., E. H.	41.15
Swayze, W. L.	77.75	Church & Stephenson.	255.50
Swayze, Bailey & Co.	10.45	Clarke Co., R. P.	21.60
Union Envelope Co.	11.12	Copeland Co., M. G.	83.70
United States Envelope Co.	83.40	Cornell Cooperative Society.	5.45
Yawman & Erbe Manufacturing Co.	3.25	Du Perow, M.	73.91
Total	773.68	Dyer, W. H.	7.50
		Edmonston, Chas. R.	13.98
		Eline & Co., J. F.	15.00

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Soil investigations, 1908, \$170,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight—Continued.</i>	
Elliott, John G.....	\$58.80	Knox Express Co., The Geo. W.....	\$4.40
Ennis & Son, Geo. T.....	.65	Norfolk and Washington, D.C., Steam- boat Co.....	1.34
Ergood Co., The J. C.....	1.25	Patterson, James.....	15.00
Espey, J. B.....	4.80	Pennsylvania Railroad Co.....	2.71
Fetter, Wm. H.....	5.94	Roosa, I. P.....	5.00
Frazee Potomac Laundry Co.....	17.64	Southern Pacific Co.....	.50
Gallier & Bro., W. T.....	45.00	Southern Railway Co.....	1.55
Groff, D. F.....	15.18	Union Pacific Railroad Co.....	1.45
Hartig, Louis.....	.45	Total.....	34.32
Hazleton, E. P.....	4.80	<i>Express.</i>	
Heiskell & Co., P. H., Jr.....	17.50	Adams Express Co.....	162.17
Henderson & Co., Peter.....	4.87	United States Express Co.....	24.93
Holtzer-Cabot Electrical Co.....	11.90	Total.....	187.10
Improved Mailing Case Co.....	15.00	<i>Telegraph.</i>	
Joyce Engraving Co., The Maurice.....	.50	Postal Telegraph-Cable Co.....	9.20
Kann Sons & Co., S.....	4.00	Western Union Telegraph Co.....	73.24
Kellogg Switchboard and Supply Co.....	74.68	Total.....	82.44
Kendall, J. B.....	1.50	<i>Telephone.</i>	
Lambie Co. (Incorporated), James B.....	107.44	Chesapeake and Potomac Telephone Co.....	20.07
Lansburgh & Bro.....	224.76	<i>Rent.</i>	
McCubbin Co., C. J.....	11.45	Phillips, S. L.....	2,166.66
May Hardware Co., F. P.....	23.00	Shea, N. H. & Jas. W.....	1,320.00
Monarch Typewriter Co.....	104.00	Total.....	3,486.66
Mueller Manufacturing Co., H.....	53.54	<i>Gas and electricity.</i>	
Munson Supply Co.....	17.50	Potomac Electric Power Co.....	366.80
Murphy Co. (Incorporated), E. J.....	14.93	Washington Gas Light Co.....	260.90
Muth & Co., Geo. F.....	141.47	Total.....	627.70
Mutual District Messenger Co.....	10.00	<i>Apparatus, instruments, and laboratory materials.</i>	
National Electric Supply Co.....	29.92	Alberene Stone Co.....	2,400.85
Offtendering, Henry F.....	160.00	Altenecker & Sons, Theo.....	36.00
Palais Royal.....	24.00	American Distributing Co.....	44.16
Potomac Electric Power Co.....	5.00	Baker Chemical Co., J. T.....	2.00
Pursell, C. C.....	3.72	Bausch & Lomb Optical Co.....	52.07
Putnam, W. C.....	16.00	Bell Odometer Works.....	96.00
Rand, McNally & Co.....	6.00	Burch & Kleps.....	2.00
Rau, John C.....	6.58	Carborundum Co.....	6.00
Reilly, Hugh.....	13.50	Cash, A. W.....	17.00
Remington Typewriter Co.....	91.80	Columbia Photo Supply Co.....	45.80
Rudolph & West Co.....	193.94	Eastman Kodak Co.....	91.70
Rutzler Co., E.....	6.00	Elmer & Amend.....	19.07
Somerville Co., Thos.....	467.46	Foster Engineering Co.....	19.50
Spier, Geo. W.....	2.50	Friez, Julian P.....	9.00
Starr Co., B. F.....	16.48	Gilman, Z. D.....	28.97
Swaine & Son, F. G.....	.45	Green, Henry J.....	10.00
Swain, E. D.....	35.00	Greiner Co., The Emil.....	14.00
Thompson, C. W.....	54.68	Gurley, W. & L. E.....	248.68
Thorburn & Co., J. M.....	4.59	Kny-Scheerer Co.....	4.80
Tin Shop Co.....	18.00	Leese, M. A.....	159.84
Typewriter and Office Supply Co.....	1.00	Mackall Bros.....	527.84
Underwood Typewriter Co.....	37.50	Merck & Co.....	65.22
Washington Disinfecting Co.....	24.00	Pullman, E. J.....	58.50
Washington Railway and Electric Co.....	6.00	Queen & Co.....	2.16
Washington Safe and Lock Co.....	.50	Thomas Co., A. H.....	35.98
White, Fred J.....	6.30	Ward's Natural Science Establishment.....	9.05
Williams, Mary L.....	15.50	Whitall, Tatum Co.....	8.00
Wirt & Co., Chas.....	23.70	Total.....	4,094.19
Woodward & Lothrop.....	189.00		
Yarnold, Edwin.....	1.00		
Total.....	3,103.96		
<i>Furniture.</i>			
Bedell Manufacturing Co.....	5.90		
Hoeke, W. H.....	10.80		
Moses & Sons, W. B.....	498.31		
Wiegand, Martin.....	304.20		
Woodward & Lothrop.....	1.25		
Yawman & Erbe Manufacturing Co.....	2.88		
Total.....	823.34		
<i>Freight.</i>			
Baltimore and Ohio R. R. Co.....	1.27		
Blue Line Transfer Co.....	1.10		

## BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Soil investigations, 1908, \$170,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses.</i>		<i>Travel and station and field expenses—Continued.</i>	
Allen, E. R.....	\$559.75	McLendon, W. E.....	\$670.95
Ayrs, O. L.....	542.68	Mackie, W. W.....	1,497.41
Belden, H. L.....	726.03	Mangum, A. W.....	1,080.30
Bell, James M.....	37.50	Mann, C. J.....	801.52
Bennett, Frank.....	555.72	Mann, C. W.....	742.17
Bennett, H. H.....	1,077.77	Maynadier, G. B.....	279.87
Bonsteel, Jay A.....	774.30	Meeker, F. N.....	119.73
Britton, J. C.....	280.69	Monroe, Geo. E.....	233.07
Brown, B. E.....	2.11	Mooney, C. N.....	45.95
Burgess, J. L.....	1,122.23	Nelson, J. W.....	776.52
Caine, Thos. A.....	664.54	Patten, H. E.....	94.19
Cameron, Frank K.....	366.10	Patterson, M. W.....	67.34
Carr, M. Earl.....	663.83	Reed, H. S.....	339.76
Carter, W. T., jr.....	912.18	Rice, Thos. D.....	900.03
Coffey, Geo. N.....	527.07	Rowe, Robert W.....	229.48
Dorsey, C. W.....	644.30	Schreiner, Oswald.....	227.16
Eckman, O. L.....	96.66	Schroeder, F. C.....	59.94
Failger, G. H.....	13.70	Shaw, Chas. F.....	264.40
Free, Edward E.....	20.15	Skinner, J. J.....	10.54
Gardner, F. D.....	220.97	Smith, H. C.....	359.17
Geib, W. J.....	985.00	Smith, W. G.....	715.20
Gilbert, J. C.....	41.93	Strahorn, A. T.....	1,080.70
Gray, M. W.....	154.55	Sullivan, M. X.....	68.90
Hall, J. Weston.....	341.45	Sweet, A. T.....	1,123.08
Hearn, W. E.....	966.44	Taber, W. C.....	40.80
Holmes, L. Carl.....	734.79	Tharp, W. E.....	723.61
Hurst, L. A.....	848.73	Warner, J. F.....	637.82
Jennings, H.....	570.52	Watson, E. B.....	318.36
Jones, G. B.....	766.69	Westover, H. L.....	782.76
Kocher, A. E.....	1,262.55	Wilder, H. J.....	846.03
Kolbe, L. A.....	3.85	Wincklemann, Henry.....	43.40
Lapham, M. H.....	624.27	Winston, E. A.....	994.20
Latimer, H. H.....	509.79	Worthen, E. L.....	699.90
Lee, Ora, jr.....	755.41	Zappone, C. R., jr.....	404.71
Lyman, W. S.....	671.49		
McGee, W. J.....	1,122.35	Total.....	37,805.06

Total amount of appropriation.....	\$170,000.00
Total expenditures under above groups.....	167,272.18
Unexpended balance.....	2,727.82

## RECAPITULATION.

Statutory salaries.....	\$36,648.00
Lump-fund salaries in Washington.....	58,181.00
Lump-fund salaries outside of Washington.....	58,052.66
Stationery.....	773.68
Miscellaneous supplies and services, equipment, books, machinery, etc.....	3,103.96
Furniture.....	823.34
Freight.....	34.32
Express.....	187.10
Telegraph.....	82.44
Telephone.....	20.07
Rent.....	3,486.66
Gas and electricity.....	627.70
Apparatus, instruments, and laboratory material.....	4,094.19
Travel and station and field expenses.....	37,805.06
Total for entire Bureau of Soils.....	203,920.18
Total amount of appropriations.....	206,980.00
Total expenditures under above groups.....	203,920.18
Unexpended balance on September 30, 1908.....	3,059.82
Outstanding liabilities (estimated).....	1,806.62
Balance to be turned back in Treasury (estimated).....	1,253.20

## PROJECTS.

The principal projects conducted by the Bureau of Soils during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## SOIL INVESTIGATIONS, 1908, \$200,000.

The various projects carried on by the Bureau of Soils during the fiscal year 1908 were as follows:

(1) *Soil survey*.—This work comprises the surveying, both upon a detailed and reconnoissance basis, the mapping, and the classifying of the soils of important areas in various parts of the country, the preparing of reports containing descriptive matter relating to the different soils, their character, origin, and value for crops, and to the agricultural conditions found in each area surveyed. The maps show the distribution of the different soils, and the reports accompanying the maps describe these soils.

(2) *Soil management and soil utilization investigations*.—This work has for its object the investigation of cultural methods required to put the soil in good condition for crops; the crop rotation suited to different soils, to maintain them in their highest degree of fertility, and the fertilizer requirement of soils by greenhouse and field methods as an aid in maintaining their fertility. The effect of different fertilizer constituents and their varying proportions in combinations upon different soils and different crops. The following up of the soil survey work by men who are familiar with the soils of the United States, their adaptation to crops, and the highest possibilities of their utilization.

(3) *Laboratory investigations*.—This work has for its object the chemical and physical analyses of soils to determine their texture and to aid in determining the type; the investigation of the physical and chemical properties of soils which influence crop production.

(4) *Soil fertility investigations*.—This work has for its object the investigations of the causes of, and remedy for, infertility in certain soils and of the low crop yields arising in many soils from improper methods of cultivation and cropping.

(5) *Soil erosion*.—This work has for its object the investigation of the extent of damage arising from the erosion of cultivated soils, and the most practical remedial measures for checking the same.

Authority (Digest of Appropriations, pp. 261): Soil investigations: \* \* \* Investigations of the relation of soils to climate and organic life; for the investigation of the texture and composition of soils in the field and laboratory; for the investigation of the cause and prevention of the rise of alkali in the soils of the irrigated districts; the investigation of the relation of soils to drainage and seepage waters; for investigations of soils and for indicating upon maps or plats, by coloring or otherwise, the results of such investigations; to map the tobacco soils of the United States; to investigate the soils and conditions of tobacco growth in Cuba, Sumatra, and other tobacco-competing countries; to investigate, with the view of improving, the conditions relating to the supply and sale of domestic tobacco to any foreign country or countries where the business of buying and selling tobacco is conducted by the government; \* \* \* for materials, \* \* \* instruments, apparatus, \* \* \* and supplies; \* \* \* and for official traveling expenses, \* \* \* and other necessary expenses. \* \* \*

(1) *Soil survey*.

## Administrative expenses:

Salaries.....	\$4, 550. 00	
Traveling expenses.....	644. 45	
		\$5, 194. 45

## Inspection and correlation:

Salaries.....	2, 000. 00	
Traveling expenses.....	529. 02	
		2, 529. 02

The following areas were surveyed in whole or in part during the fiscal year 1908:

## DETAILED SURVEYS.

## Alabama:

## Autauga County (640 square miles surveyed)—

Salaries.....	\$906. 11	
Field expenses.....	564. 71	
		\$1, 470. 82

Survey to be completed during fiscal year 1909.

(1) *Soil survey*—Continued.

## Alabama—Continued.

Baldwin County (750 square miles surveyed)—		
Salaries.....	\$827. 78	
Field expenses.....	528. 25	
		\$1, 356. 03
Bibb County (520 square miles surveyed)—		
Salaries.....	957. 33	
Field expenses.....	779. 43	
		1, 736. 76
Henry County (550 square miles surveyed)—		
Salaries.....	1, 378. 34	
Field expenses.....	863. 87	
		2, 242. 21
Lamar County (600 square miles surveyed)—		
Salaries.....	515. 54	
Field expenses.....	371. 88	
		887. 42

## California:

Long Beach area, detailed soil and alkali surveys of large alkali reclamation tract near Long Beach, Cal.—		
Salaries.....	402. 80	
Field expenses.....	208. 66	
		611. 46
Modesto area (820 square miles surveyed)—		
Salaries.....	3, 279. 98	
Field expenses.....	2, 019. 59	
		5, 299. 57
Porterville area (335 square miles surveyed)—		
Salaries.....	1, 248. 90	
Field expenses.....	663. 14	
		1, 912. 04
Survey to be completed during fiscal year 1909.		
Redding area (200 square miles surveyed)—		
Salaries.....	921. 67	
Field expenses.....	495. 17	
		1, 416. 84

## Georgia:

Grady County (315 square miles surveyed)—		
Salaries.....	643. 54	
Field expenses.....	445. 00	
		1, 088. 54
Special large scale detailed surveys of district agricultural school farms—		
Salaries.....	422. 22	
Field expenses.....	238. 73	
		660. 95
Thomas County (535 square miles surveyed)—		
Salaries.....	1, 092. 02	
Field expenses.....	757. 72	
		1, 849. 74

## Idaho:

Minidoka area (146 square miles surveyed)—		
Salaries.....	393. 32	
Field expenses.....	249. 50	
		642. 82

## Indiana:

Marion County (290 square miles surveyed)—		
Salaries.....	366. 66	
Field expenses.....	221. 06	
		587. 72

Area surveyed in part during previous fiscal year.

## Louisiana:

Bienville Parish (856 square miles surveyed)—		
Salaries.....	1, 677. 21	
Field expenses.....	999. 59	
		2, 676. 80

*Soil survey—Continued.*

## Louisiana—Continued.

East and West Carroll parishes (747 square miles surveyed)—

Salaries.....	\$1,097.23
Field expenses.....	822.94

\$1,920.17

Winn Parish (153 square miles surveyed)—

Salaries.....	437.84
Field expenses.....	423.98

861.82

Area surveyed in part during previous fiscal year.

## Maryland:

Easton area (966 square miles surveyed)—

Salaries.....	1,168.87
Field expenses.....	740.65

1,909.52

Area surveyed in part during previous fiscal year.

## Mississippi:

Holmes County (825 square miles surveyed)—

Salaries.....	618.34
Field expenses.....	491.43

1,109.77

Monroe County (762 square miles surveyed)—

Salaries.....	2,256.12
Field expenses.....	1,572.46

3,828.58

## Missouri:

Bates County—

Salaries.....	3.89
Field expenses.....	3.05

6.94

Work begun June 30, 1908, and will be completed during fiscal year 1909.

## Nebraska:

North Platte area (210 square miles surveyed)—

Salaries.....	370.00
Field expenses.....	183.45

553.45

Area surveyed in part during previous fiscal year.

## New York:

Dutchess County (745 square miles surveyed)—

Salaries.....	1,134.99
Field expenses.....	831.11

1,966.10

Area surveyed in part during previous fiscal year.

## North Carolina:

Henderson County (319 square miles surveyed)—

Salaries.....	226.66
Field expenses.....	196.14

422.80

Area surveyed in part during previous fiscal year.

Area surveyed in cooperation with North Carolina department of agriculture.

Robeson County (945 square miles surveyed)—

Salaries.....	1,318.88
Field expenses.....	1,051.80

2,370.68

Area surveyed in part during previous fiscal year.

Area surveyed in cooperation with North Carolina department of agriculture.

*Soil survey—Continued.*

## North Dakota:

## McKenzie area (348 square miles surveyed)—

Salaries.....	\$489. 99
Field expenses.....	547. 28

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\$1, 037. 27

Area surveyed in part during previous fiscal year.

Area surveyed in cooperation with the North Dakota  
agricultural and economic geological survey.

## Morton area (436 square miles surveyed)—

Salaries.....	497. 78
Field expenses.....	530. 15

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1, 027. 93

Area surveyed in part during previous fiscal year.

Area surveyed in cooperation with the North Dakota  
agricultural and economic geological survey.

## Pennsylvania:

## Center County (197 square miles surveyed)—

Salaries.....	658. 06
Field expenses.....	416. 57

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1, 074. 63

Area surveyed in part during previous fiscal year.

## Johnstown area (558 square miles surveyed)—

Salaries.....	726. 66
Field expenses.....	599. 45

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1, 326. 11

Area surveyed in part during previous fiscal year.

## South Carolina:

## Lee County (153 square miles surveyed)—

Salaries.....	373. 07
Field expenses.....	215. 93

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589. 00

Area surveyed in part during previous fiscal year.

## Oconee County (652 square miles surveyed)—

Salaries.....	1, 039. 99
Field expenses.....	657. 55

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1, 697. 54

## Sumter County (154 square miles surveyed)—

Salaries.....	375. 00
Field expenses.....	217. 85

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592. 85

Area surveyed in part during previous fiscal year.

## South Dakota:

## Bellefourche area (98 square miles surveyed)—

Salaries.....	426. 66
Field expenses.....	315. 54

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742. 20

Area surveyed in part during previous fiscal year.

## Tennessee:

## Giles County (599 square miles surveyed)—

Salaries.....	905. 00
Field expenses.....	558. 04

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1, 463. 04

Area surveyed in part during previous fiscal year.

## Overton County—

Salaries.....	73. 33
Field expenses.....	65. 89

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139. 22Work begun May 7, 1908. Temporarily stopped on  
May 28, 1908. Survey to be completed during  
fiscal year 1909.

## Texas:

## Corpus Christi area (400 square miles surveyed)—

Salaries.....	830. 55
Field expenses.....	569. 87

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1, 400. 42

(1) *Soil survey*—Continued.

## Texas—Continued.

## Franklin County (325 square miles surveyed)—

Salaries.....	\$770. 00
Field expenses.....	556. 29

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\$1, 326. 29

## Virginia:

## Montgomery County (353 square miles surveyed)—

Salaries.....	729. 44
Field expenses.....	444. 59

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1, 174. 03

Area surveyed in part during previous fiscal year.

## Washington:

## Bellingham area (361 square miles surveyed)—

Salaries.....	950. 00
Field expenses.....	535. 86

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1, 485. 86

Area surveyed in part during previous fiscal year.

## West Virginia:

## Middlebourne area (806 square miles surveyed)—

Salaries.....	
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1, 178. 89

Area surveyed in part during previous fiscal year.

Area surveyed in cooperation with West Virginia geological survey.

## Parkersburg area (162 square miles surveyed)—

Salaries.....	288. 34
Field expenses.....	151. 80

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440. 14

Work begun May 7, 1908, and will be completed during fiscal year 1909.

## RECONNOISSANCE SURVEYS.

## North Dakota:

## Great Plains region—

Salaries.....	272. 78
Field expenses.....	189. 70

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462. 48

Work begun May 31, 1908. To be continued during fiscal year 1909.

## Pennsylvania:

## Appalachian region—

Salaries.....	100. 00
Field expenses.....	49. 32

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149. 32

Work begun in June, 1908, and will be continued during fiscal year 1909.

Salaries of men while actually engaged in the preparation of their field reports, while en route between assignments, while absent on annual and sick leave, when assigned to headquarters, when engaged in library research work in connection with the soil survey projects.....

8, 592. 85

Miscellaneous field supplies, etc.....

1, 297. 09

Traveling expenses between areas.....

2, 944. 43

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Total for soil surveys..... 77, 254. 61(2) *Soil management and soil utilization investigations.*

## Administration and inspection of field work:

Salaries.....	\$5, 750. 00
Traveling expenses.....	995. 76

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6, 745. 76

## Fertilizer requirements of soils:

Salaries.....	
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1, 225. 26

## Plot experiments with fertilizers:

Salaries.....	2, 005. 00
Field expenses.....	243. 40

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2, 248. 40

(2) *Soil management and soil utilization investigations*—Continued.

Location of school farms with reference to soil types and the preparation of plans for soil utilization:		
Salaries.....	\$2, 730. 00	
Field expenses.....	996. 83	
		\$3, 726. 83
Investigations of fertilizers and crop rotations as a means of soil improvement:		
Salaries.....	2, 450. 00	
Field expenses.....	513. 20	
		2, 963. 20
Investigation and demonstration of efficient methods of soil management:		
Salaries.....	11, 575. 00	
Field expenses.....	6, 063. 61	
		17, 638. 61
Salaries of men while engaged in the preparation of their field reports and when assigned to headquarters.....		1, 148. 74
General supplies for field and laboratory work.....		158. 96
Total.....		\$5, 855. 76

(3) *Laboratory investigations.*

## Physical soil investigations, including:

- (a) Conservation of soil moisture.
- (b) Relation of soil moisture to physical condition of soil.
- (c) Flocculation, sedimentation, and erosion of soils.
- (d) Absorption of vapors and gases by soils.
- (e) Retention and conservation of fertilizer ingredients by soils.
- (f) Leaching of soils.
- (g) Wind movement of soils.
- (h) Soil temperatures.

Salaries.....	\$4, 196. 67	
Laboratory supplies.....	500. 00	
		4, 696. 67

## Chemical investigations, including:

- (a) Phosphates of soils and fertilizers.
- (b) Nitrogen carrying fertilizers.
- (c) Chemical and mineralogical composition of soil separates.
- (d) Solubility of soil minerals.
- (e) Chemical properties of humus.
- (f) Iron compounds of the soil.
- (g) Alkali soils.
- (h) Investigation of routine method of analysis.
- (i) Field demonstrations.

Salaries.....	\$8, 849. 44	
Traveling expenses.....	608. 39	
		9, 457. 83

Mechanical analysis of soil types: Salaries..... 3, 174. 00

## Unclassified analytical work:

Salaries.....	2, 680. 00	
Laboratory supplies.....	342. 38	
		3, 022. 38

Designing and repairing apparatus for field and laboratory studies:		
Salaries.....		1, 100. 00
Total.....		21, 450. 88

(4) *Soil fertility investigations.*

Investigation of the maintenance of soil fertility: Salaries.....	2, 750. 00
Investigation of the causes of unproductive soils: Salaries.....	2, 750. 00
Investigations of the organic origin of unproductivity in soils and the effect of green manuring, salaries.....	2, 750. 00

(4) *Soil fertility investigations*—Continued.

Investigation of means for improvement of unproductive soils, salaries...	3,213.90	
Investigation of the effect of fertilizers on soils, salaries.....	1,836.10	
Field investigations of soil fertility problems in cooperation with experiment stations:		
Salaries.....	\$2,199.99	
Traveling expenses.....	648.47	
		2,848.46
General field and laboratory supplies.....		198.76
Total.....		16,347.22

(5) *Soil erosion.*

Reconnaissance study of the effect of erosion on agricultural lands:		
Salaries.....	3,000.00	
Traveling expenses.....	1,206.69	
		4,206.69

## ADMINISTRATION.

Miscellaneous supplies, laboratory apparatus, and miscellaneous and contingent expenses for maintenance and operation of offices and laboratories:		
Rent.....	3,486.66	
Telephone.....	20.07	
Telegraph.....	82.44	
Freight.....	34.32	
Express.....	187.10	
Gas and electricity.....	627.70	
Furniture.....	823.34	
Miscellaneous supplies, apparatus, stationery, typewriters, laboratory apparatus for new building, etc.....	5,373.64	
1 laborer at \$600.....	600.00	
1 laborer at \$300.....	300.00	
Salaries of plumbers and laborers while installing laboratory apparatus in new building.....	621.75	
		12,157.02
Total expenditures to September 30, 1908.....	167,272.18	
Outstanding liabilities on September 30, 1908 (estimated).....	1,806.62	
Balance to be turned back in Treasury (estimated).....	921.20	
Total amount of appropriation.....		170,000.00

## BUREAU OF ENTOMOLOGY.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Entomology, 1908, \$22,210."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Howard, L. O.	Chief of bureau, at \$3,250	\$3,250.00	\$672.61
Clifton, R. S.	Chief clerk, at \$1,800	1,800.00	86.12
Althouse, R. C.	Clerk, class 2	1,400.00	
Champney, Mary G.	do	1,400.00	
Colcord, Mabel	do	1,400.00	
Tastet, W. F.	do	1,400.00	
Hovenstein, Lillian L.	Artist, at \$1,400	1,384.44	
Sasscer, E. R.	Clerk, class 1	1,200.00	39.80
Strauss, John F.	do	1,200.00	
Wood, Elmer C.	do	1,200.00	
Condit, Ira J.	Clerk, at \$1,000	125.00	
Cunningham, Boyd C.	do	725.00	
Keleher, T. A.	do	1,000.00	
Marks, Jessie E.	do	1,000.00	
Menagh, Charles S.	do	1,000.00	
Vedder, Frank W.	do	980.56	
Borochoff, Jacob M.	Messenger, at \$840	70.00	
Canatsey, Wm. S.	do	718.67	
Borochoff, Jacob M.	Messenger, at \$720	660.00	
Fagan, Geo. M.	do	60.00	

Total amount of appropriation..... \$22,210.00  
 Total amount paid for salaries..... 21,973.67

Unexpended balance..... 236.33

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Marlatt, C. L.	Entomologist and acting chief, at \$3,000	\$3,000.00	\$774.00
Chittenden, F. H.	Assistant, at \$2,750	2,750.00	14.55
Banks, Nathan	Assistant, at \$1,500	1,800.00	
Coquille, D. W.	do	1,800.00	
Pergande, Theo.	Assistant, at \$1,600	1,600.00	
Gilliss, C. J.	Assistant, at \$1,400	1,400.00	
Heidemmann, Otto	do	1,400.00	3.50
Busck, August	Assistant entomologist, at \$1,600	1,600.00	
Currie, Rolla P.	do	1,600.00	
Hopkins, A. D.	Special agent and agent and expert, at \$2,500	2,500.00	315.45
Quaintance, A. L.	do	2,500.00	674.61
Webster, F. M.	do	2,500.00	53.14
Sanders, J. G.	Special agent and agent and expert, at \$1,600	1,600.00	44.50
Kelly, E. O. G.	Special agent and agent and expert, at \$1,400	1,341.66	629.49
Foster, S. W.	Special agent and agent and expert, at \$1,000 and \$1,200	1,100.00	499.80
Popeone, Charles H.	Special agent and agent and expert, at \$1,000	1,000.00	165.74
Fox, Franklin G.	Special agent and agent and expert, at \$900	750.00	10.00
Hayhurst, Paul.	Special agent and agent and expert, at \$900 and \$1,000	983.31	523.96
McCray, Arthur H.	Agent and expert, at \$900	190.00	28.87
Phillips, E. F.	Expert, at \$2,250	2,250.00	785.27
White, G. F.	Expert, at \$1,800 and \$150 per month	1,350.00	231.99
Burgess, A. F.	Expert, at \$1,600	1,333.33	197.30
Smith, Herbert H.	Expert, at \$125 per month	250.00	
Rogers, Albert	Expert, at \$40 per month	40.00	
Gates, Burton N.	Expert in apiculture, at \$1,000 and \$1,200	1,100.00	78.35
Snodgrass, R. E.	Expert preparator, at \$1,200	1,200.00	
Marsh, H. O.	Expert preparator, at \$840	700.00	1.55
Kraus, Ezra J.	Expert preparator, at \$720 and \$1,000	740.00	44.50
Griffin, C. H.	Expert preparator, at \$600	100.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Van Horn, R. W.	Expert preparator, at \$300, \$480, and \$720.	\$592.50	\$39.93
Marshall, Margaret	Clerk, stenographer, and typewriter, at \$75 per month, \$480 and \$840.	766.00	
Rozzelle, Keith K.	Assistant messenger, at \$720.	316.00	
Keleher, W. A.	Silk culturist, at \$840.	816.67	
Rey, Marie.	Silk culturist, at \$600.	413.33	
King, Bessie.	Expert silk reeler, at \$480 and \$600.	353.33	
Klopfier, Nettie S.	do.	353.33	
Ritchie, Elizabeth.	Expert assistant in silk reeling, at \$480 and \$600.	353.33	
Clayton, Mabel F.	Silk reeler, at \$480 and \$600.	393.33	
Locke, Jennie.	do.	421.67	
Yerby, E. Dudley, jr.	Assistant preparator, at \$480.	80.00	
Baker, Emily.	Assistant preparator, at \$25 per month.	220.83	
Munro, Grace R.	Assistant preparator, at \$25 per month.	24.17	
Smythe, Eugene G.	do.	23.33	
Cassell, Wm. A.	Painter, at \$3.50 per diem.	7.00	
Davis, F. Carl.	Painter, at \$3.50 per diem and \$900 per annum.	317.50	
Hurdle, Charles W.	Painter, at \$3.50 per diem.	7.00	
Milstead, Robert A.	do.	7.00	
Reeves, John L.	Laborer, at \$720.	720.00	
Cook, R. Vernon.	Unskilled laborer, at \$2 per diem.	4.00	
Smith, Aaron.	Unskilled laborer, at \$50 per month.	600.00	
Symons, Thos. B.	Collaborator, at \$1 per month.	1.50	
Murray, Jennie C. R.	Charwoman, at \$480.	480.00	
Stokes, Helen.	do.	480.00	
Jones, Hortentia.	Charwoman, at \$240.	240.00	
Total.		48,470.12	
<i>Out of Washington.</i>			
Burke, H. E.	Expert and special field agent, at \$1,400 and \$1,600.	1,500.00	590.97
Webb, J. L.	Expert and special field agent, at \$1,400 and \$1,500.	1,450.00	572.72
Couden, F. D.	Expert, at \$1,000.	1,000.00	17.05
Barber, Victor S.	Special field agent, at \$1,600.	399.99	244.60
Johnson, Fred.	do.	1,600.00	516.29
Moulton, Dudley.	Special field agent, at \$1,500.	1,500.00	790.06
Hooker, W. A.	Special field agent, at \$1,400 and \$1,600.	1,549.99	332.05
Morgan, A. C.	Special field agent, at \$1,400.	1,400.00	745.59
Phillips, W. J.	do.	1,341.66	240.38
Reeves, G. I.	do.	1,399.99	387.21
Ainslie, C. N.	Special field agent, at \$1,200.	1,200.00	316.15
Braucher, R. W.	do.	283.33	187.81
Girault, A. A.	do.	600.00	179.04
Hammar, A. G.	do.	150.00	50.00
Ball, Elmer D.	Special field agent, at \$100 per month.	600.00	197.34
Mitchell, J. D.	do.	700.00	805.84
Ainslie, Geo. G.	Special field agent, at \$1,000.	100.01	26.30
Jenne, E. L.	Special field agent, at \$1,000 and \$1,200.	1,100.00	523.83
Jones, Paul R.	do.	1,100.00	157.15
Merrill, Geo. E.	Special field agent, at \$1,000.	291.67	283.86
Russell, H. M.	Special field agent, at \$1,000 and \$1,200.	1,100.00	391.74
Wilson, Harley F.	Special field agent, at \$1,000.	244.45	52.60
Chrisman, Morris.	Special field agent, at \$75 per month.	150.00	
Wilson, Wm. B.	Special field agent, at \$720 and \$1,000.	860.00	112.36
Mann, Wm. M.	Special field agent, at \$60 per month.	32.00	
Hardenberg, C. B.	Special agent, at \$125 per month.	375.00	243.53
Woglum, R. S.	Special agent, at \$1,400.	1,248.35	1,693.12
Paine, Chas. T.	Special agent, at \$1,200 and \$1,400.	1,083.34	170.45
Maskew, Frederick.	Special agent, at \$100 per month.	700.00	186.76
Wood, Herbert P.	Special agent, at \$1,000.	658.34	351.98
Rankin, J. M.	Special agent in apiculture, at \$1,000 and \$1,200.	441.67	316.99
Stabler, Sydney S.	Agent and expert, at \$35 per month.	17.50	
McMillan, David K.	Scientific assistant, at \$1,000.	497.23	210.77
Smith, J. R.	Laborer, at \$2.50 per diem.	13.12	7.50
Chambliss, C. E.	Collaborator, at \$12 per annum.	8.00	
Buck, J. E.	Collaborator, at \$1 per month.	.50	
Stene, A. E.	do.	11.50	
Titus, E. S. G.	do.	11.50	365.79
Vuillet, A.	do.	3.00	
Total.		26,722.14	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.....	\$10. 95	Heiskell & Co., P. H., jr.....	\$1. 70
Ballantyne, R. Carter.....	1. 35	Hoge & McDowell Co.....	1. 16
Baumgarten Co., Herman.....	2. 70	Hudson Electrical Supply Co.....	11. 10
Baumgarten & Sons, J.....	2. 75	Hume, E. H.....	20. 00
Contingent expenses, Department of Agriculture.....	665. 29	Hunt, Wm. F.....	5. 56
Exline Co., M. P.....	8. 35	Improved Mailing Case Co.....	2. 50
Faber, Eberhard.....	3. 50	Ingegmoili, Fratelli.....	16. 31
Lamb & Tilden.....	1. 75	Jacka, J. V.....	1. 25
Library Bureau.....	36. 33	Jacka, William.....	12. 00
Morrison Paper Co., E.....	19. 30	Jewell, C. A.....	20. 00
Parker, D. Frank.....	3. 50	Joyce Engraving Co., The Maurice.....	6. 85
Schmidt, Fred A.....	37. 17	Kann Sons & Co., S.....	1. 50
Swaize, W. L.....	3. 52	Kelly, R. E.....	20. 00
United States Envelope Co.....	3. 75	Keplinger, John G.....	111. 12
		Kessler, Andrew.....	6. 00
Total.....	800. 21	Killian, Geo. P.....	5. 76
		Koernicke, Annie I.....	1. 05
<i>Miscellaneous supplies, etc.</i>		Kozuboff, Victor K.....	17. 68
American Can Co.....	15. 64	Lambie Co. (Incorporated), James B.....	3. 51
American Entomological Co.....	80. 53	Latham, Allen.....	1. 00
American Tract Society.....	3. 00	Leggett & Bro.....	12. 25
Barber & Ross.....	2. 25	Library of Congress.....	4. 89
Barker, E. L.....	11. 00	Lick Livery and Hack Co.....	11. 00
Bean Spray Pump Co.....	23. 74	Lockhart, F. A.....	5. 00
Becker & Co., Chas.....	15. 63	Lumiere Company.....	17. 00
Bengard, J. P.....	9. 00	Madarys Supply House.....	18. 40
Bernasco, J.....	44. 25	Markham, G. C.....	16. 37
Brannon, J. F.....	71. 95	Mathews, James.....	35. 00
Brentano.....	3. 70	May Hardware Co., F. P.....	. 40
Brough, Wm.....	25. 00	Monarch Typewriter Co.....	169. 50
Bush, John.....	20. 00	Mont-Jovet, M.....	24. 00
California Compounding Co.....	8. 50	Montgomery, Ward & Co.....	2. 20
California Sheep and Wool Co.....	28. 50	Moore, C. L.....	120. 00
Cameron, W. C.....	7. 85	Morrill & Morley.....	105. 78
Campbell, B. J.....	8. 70	Muddiman & Co., C. A.....	. 75
Capital Paper Box Co.....	3. 00	Murphy Co. (Incorporated), E. J.....	58. 53
Capital Traction Co.....	35. 00	Murray, S. B.....	4. 25
Carmody, Mary.....	45. 00	Muth & Co., Geo. F.....	16. 75
Carr & Bro., C. F.....	5. 50	Myers & Bro., F. E.....	9. 35
Carswell, C. M.....	6. 25	National Electrical Supply Co.....	15. 09
Cassetto, Augustina.....	9. 89	Nicholson & Son, Jas. A.....	44. 00
Church & Stephenson.....	98. 25	Peerless Electric Co.....	19. 00
Cincinnati Manufacturing Co.....	2. 64	Perry, C. W.....	20. 00
Clarke Co., R. P.....	. 90	Radaelli & Figli.....	217. 13
Cleaver & Greene.....	17. 61	Randolph Paper Box Co.....	46. 85
Coble, Daniel H.....	20. 00	Ratliff, Walter S.....	20. 00
Copeland Co., M. G.....	13. 25	Reed, Mrs. H. E.....	. 75
Corbett, Geo. E.....	. 75	Reilly, Hugh.....	18. 75
Coulter Mill and Lumber Co., W. F.....	12. 72	Remington Typewriter Co.....	119. 05
Cresmer Manufacturing Co.....	3. 27	Robinson, J. C.....	20. 00
Davis Nursery Co., Franklin.....	7. 00	Root Co., A. I.....	113. 09
Dayton Fruit Free Label Co.....	6. 50	Rose, John J.....	7. 19
Deming Co.....	37. 71	Roudebush, Lowell.....	20. 00
Dowell, Jno. M.....	20. 00	Rudolph & West Co.....	22. 15
Dyer, W. H.....	. 50	Santa Clara Valley Mill and Lumber Co.....	21. 10
Edmondson, A. G.....	52. 50	Schmid, Edw. S.....	6. 00
Edmondson, Chas. R.....	7. 30	Scientific Engraving Co.....	91. 00
Elder, J. E.....	25. 96	Sharp, John Preston.....	5. 53
Ely, E. B.....	7. 50	Shea, N. H.....	10. 45
Espey, J. B.....	67. 78	Shedd & Bro. Co., S. S.....	17. 05
Evert, J. G.....	27. 81	Shelton & Son, J. F.....	45. 00
Fairbanks Co.....	49. 00	Shilling, George.....	14. 00
Farmers' Union.....	110. 37	Shreve, Forrest.....	3. 50
Fentress, Z. T.....	7. 69	Simplex Net Co.....	1. 30
Fireman, Peter.....	157. 87	Simpson, Andrew.....	13. 25
Fitzpatrick, Daniel E.....	16. 24	Slingerland, M. V.....	10. 00
Franklin Printing Co.....	7. 00	Smoot, L. F.....	2. 82
Friend Manufacturing Co.....	173. 55	Southern Printers' Supply Co.....	11. 40
Gatchel & Manning.....	7. 80	Stephens, Andy.....	5. 39
Good, James.....	22. 57	Sullivan McDermott Lumber Co.....	5. 02
Goulds Manufacturing Co.....	11. 25	Taylor & Co., D. F. (Limited).....	4. 20
Graham Co., Andrew B.....	5. 00	Thiemeyer Co., J. H.....	34. 62
Griffin & Henry.....	16. 17	Thompson, John.....	20. 00
Harper, H. H.....	90. 00	Thompson, Joseph.....	11. 75
Hayes, R.....	24. 20	Thomson Hardware Co., H. N.....	1. 80
Hazleton, E. P.....	80. 00	Veerhoff, W. H.....	1. 20
		Walford, D. N.....	11. 50
		Warner, L.....	36. 25

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Rent.</i>	
Watkins & Doncaster.....	\$7.32	Bartlett, Helen L.....	\$25.00
Welder, J. J.....	300.00	Clayton & Co., Jas. A.....	120.00
Western Electric Co.....	6.75	Fletcher, Charles L.....	39.00
Whitman, C. H.....	4.50	Gracey, Julien F.....	118.75
Wood, John T.....	1.50	Henry, Sarah E.....	720.00
Woodward & Lothrop.....	25.14	Jones, Alice M.....	34.50
Woolf & Co., C. M.....	.75	Loop, A. I.....	150.00
Yardumian, Haig Y.....	8.66	Los Angeles County Horticultural Commission.....	60.00
Young, Eva I.....	5.53	Maryland Agricultural College.....	22.50
Youngs Co., Elphonzo.....	3.50	Moss, W. A.....	24.00
Total.....	4,040.84	Sullivan, A. C.....	25.00
		Wood, Wm.....	20.00
<i>Furniture.</i>		Total.....	1,358.75
Basker Bros. (Incorporated).....	39.60	<i>Gas and electricity.</i>	
Dorsey Printing Co.....	26.00	Potomac Electric Power Co.....	7.30
Hoeke, W. H.....	41.50	Washington Gas Light Co.....	78.60
Lansburgh Furniture and Carpet Co., J.....	12.45	Total.....	85.90
Library Bureau.....	525.65	<i>Apparatus, instruments, and laboratory material.</i>	
Lion & Sons Co., L.....	3.50	American Distributing Co.....	20.20
Moses & Sons, W. B.....	108.80	Askew-Coulter-Owen Drug Co.....	52.35
Woodward & Lothrop.....	100.94	Bausch & Lomb Optical Co.....	606.48
Total.....	858.44	Bowker Insecticide Co.....	30.39
<i>Fuel.</i>		Braun, F. W.....	142.34
Ton & Morris.....	16.00	Buckingham, J. T.....	8.55
<i>Freight.</i>		Columbia Photograph Supply Co.....	14.44
Baltimore and Ohio R. R. Co.....	.75	Eimer & Amend.....	103.18
Blue Line Transfer Co.....	.75	Feast & Co., H. D.....	219.64
Chesapeake and Ohio Ry. Co.....	1.55	Folmer & Schwing.....	.70
Hocking Valley Ry. Co.....	.51	Franklin & Co.....	1.25
Kansas City Southern Ry.....	14.91	Friez, Julian P.....	3.06
Knox Express Co., The Geo. W.....	50.58	Gilman, Z. D.....	14.20
Lake Shore and Michigan Southern Ry. Co.....	18.78	Grasselli Chemical Co.....	110.06
Merchants Transfer and Storage Co.....	40.75	Gray, Willis E.....	37.50
Oregon R. R. and Navigation Co.....	27.50	Green, Henry J.....	5.70
Pennsylvania R. R. Co.....	10.80	Heil Chemical Co., Henry.....	35.00
Pere Marquette R. R. Co.....	3.11	Howland & Dewey Co.....	128.80
Roosa, I. P.....	17.60	Kny-Scheerer Co.....	26.16
St. Louis, Brownsville and Mexico Ry. Co.....	5.21	Mackall Bros.....	54.27
San Jose Transfer Co.....	9.75	Merrimac Chemical Co.....	44.80
Southern Railway Co.....	1.14	Lumiere Co., The.....	18.00
Total.....	203.69	Painter Fertilizer Co., E. O.....	3.45
<i>Express.</i>		Pennock, Edward.....	3.44
Adams Express Co.....	223.77	Pullman, E. J.....	6.45
United States Express Co.....	40.71	Spencer Lens Co.....	3.75
Wells Fargo & Co.....	19.20	Stowell Fumigating Co.....	22.50
Total.....	283.68	Thomas Co., Arthur H.....	23.82
<i>Telegraph.</i>		Thomsen Chemical Co.....	12.09
Postal Telegraph-Cable Co.....	30.09	Watson, K. E.....	123.78
Western Union Telegraph Co.....	120.61	Webb Drug Co.....	50.90
Total.....	150.70	Weichsel Co., C.....	7.50
<i>Telephone.</i>		Whitall-Tatum Co.....	168.87
Chesapeake and Potomac Telephone Co.....	43.12	Total.....	2,103.62
Pacific Telephone and Telegraph Co., The.....	15.00	<i>Travel and station and field expenses.</i>	
Total.....	58.12	Ainslie, C. N.....	316.15
		Ainslie, Geo. G.....	26.30
		Ball, E. D.....	197.34
		Barber, Victor S.....	244.60
		Brancher, R. W.....	187.81
		Burgess, A. F.....	74.80
		Burke, H. E.....	590.97
		Chittenden, F. H.....	14.55
		Clifton, R. S.....	86.12
		Foster, S. W.....	499.80
		Fox, Franklin G.....	10.00

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800"—Continued.

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Gates, Burton N.....	\$78.35	Paine, Chas. T.....	\$170.45
Girault, A. A.....	179.04	Phillips, E. F.....	785.27
Hammar, A. G.....	50.00	Phillips, W. J.....	240.38
Hardenberg, C. B.....	243.53	Popenoe, Chas. H.....	165.74
Hayhurst, Paul.....	523.96	Newell, W.....	5.90
Heidemann, Otto.....	3.50	Quaintance, A. L.....	674.61
Hooker, W. A.....	382.05	Rankin, J. M.....	316.99
Hopkins, A. D.....	315.45	Reeves, Geo. I.....	387.21
Howard, L. O.....	128.96	Russell, Harry M.....	391.74
Hunter, W. D.....	16.00	Sanders, J. G.....	44.50
Jenne, E. L.....	523.83	Sasseer, E. R.....	39.80
Johnson, Fred.....	516.29	Titus, E. S. G.....	365.79
Jones, Paul R.....	157.15	Van Horn, R. W.....	39.93
Kelly, E. O. G.....	629.49	Webb, J. L.....	572.72
Kraus, E. J.....	44.50	Webster, F. M.....	53.14
McCray, Arthur H.....	28.87	Wheeler, C. F.....	18.75
McMillan, D. K.....	210.77	White, G. F.....	231.99
Marlatt, C. L.....	624.65	Wilson, H. F.....	52.60
Marsh, H. O.....	1.55	Wilson, W. B.....	112.36
Maskew, Frederick.....	186.76	Woglum, R. S.....	1,347.02
Mitchell, J. D.....	458.37	Wood, H. P.....	351.98
Morgan, A. C.....	745.59	Yothers, W. W.....	9.31
Merrill, George E.....	283.86		
Moulton, Dudley.....	630.61	Total.....	15,619.75

Total amount of appropriation..... \$103,800.00  
 Total expenditures under above groups..... 100,771.96

Unexpended balance..... 3,028.04  
 Repayments to credit of appropriation..... 4.46  
 Net unexpended balance..... 3,032.50

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Entomological investigations, 1908, \$103,800."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
John Bush.....	Lease of land for conducting experiments against the Hessian fly.	\$20.00
Daniel H. Coble.....	do.	20.00
E. H. Hume.....	do.	20.00
C. A. Jewell.....	do.	20.00
R. E. Kelly.....	do.	20.00
John McDowell.....	do.	20.00
C. W. Perry.....	do.	20.00
W. S. Ratliff.....	do.	20.00
J. T. Robinson.....	do.	20.00
Lowell Roubeshush.....	do.	20.00
John Thompson.....	do.	20.00
Total.....		220.00

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "White fly investigations, 1908, \$10,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Morrill, A. W.....	Special field agent, at \$1,800.....	\$1,800.00	\$1,102.18
Yothers, W. W.....	Special field agent, at \$1,400.....	1,050.00	738.64
Worsham, E. L.....	Special field agent, at \$1,200.....	286.67	210.36
Back, E. A.....	Special agent, at \$1,400.....	1,400.00	630.86
Total.....		4,536.67	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "White fly investigations, 1908, \$10,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Telephone.</i>	
Branch, W. S.....	\$3.99	Orlando Telephone Exchange.....	\$1.50
Curtis & O'Neal.....	7.35	<i>Rent.</i>	
Drew Co., The H. & W. B.....	5.03	Beggs & Palmer.....	240.00
Total.....	16.37	Cheney, J. M.....	168.00
<i>Miscellaneous supplies, etc.</i>		Total.....	408.00
American Entomological Co.....	3.15	<i>Apparatus, instruments, and laboratory material.</i>	
Atlantic Paint Co.....	5.75	Braun, F. W.....	3.39
Boardman, F. N.....	36.07	Chase & Co.....	583.00
Brydon, Robert P.....	11.20	Cramer Dry Plate Co., G.....	12.45
Bumby, Jos.....	3.90	Drew Co., H. & W. B.....	24.15
Florida Electric Co.....	3.25	Grasselli Chemical Co.....	58.13
Guernsey, Jos. L.....	5.10	Green, Henry J.....	9.50
Hand, Elijah.....	9.05	Painter Fertilizer Co., E. O.....	27.65
Helms Hardware Co.....	90.16	Thomas Co., Arthur H.....	54.20
Hoard, J. W.....	8.00	Wilson & Toomer Fertilizer Co.....	20.55
Hubbard Co., S. B.....	3.35	Total.....	793.02
Magruder, J. B.....	61.00	<i>Travel and station and field expenses.</i>	
New Orleans Tent and Awning Co.....	10.40	Back, Ernest A.....	630.86
Orlando Novelty Works and Lumber Yard.....	11.31	Marlatt, C. L.....	84.05
Orlando Water and Light Co.....	18.85	Morrill, A. W.....	1,102.18
Tampa Harness and Wagon Co.....	4.00	Woglum, R. S.....	346.10
Tampa Steamways Co.....	409.47	Worsham, E. L.....	210.36
Yothers, Maud.....	32.25	Yothers, W. W.....	539.28
Yowell, N. P.....	3.70	Total.....	2,912.83
Shreve, H. A.....	29.15		
Total.....	759.11		
<i>Express.</i>			
Adams Express Co.....	5.70		
<i>Telegraph.</i>			
Postal Telegraph-Cable Co.....	10.62		
Western Union Telegraph Co.....	15.53		
Total.....	26.15		

Total amount of appropriation.....	\$10,000.00
Total expenditures under above groups.....	9,459.35
Unexpended balance.....	540.65

## BUREAU OF ENTOMOLOGY—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Cotton boll weevil investigations (Entomology), 1908, \$40,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Schwarz, E. A.	Assistant, at \$2,000.	\$2,000.00	
Crawford, J. C.	Special agent, at \$1,400, and agent and expert, at \$1,600.	658.32	
Hyslop, James A.	Special agent, agent and expert, at \$1,200.	300.00	\$8.25
Leister, A. J.	Clerk, at \$1,400.	1,400.00	
Knab, Frederick.	Entomological draftsman, at \$1,200.	700.00	172.87
McLachlan, Argyle.	Special agent, at \$100 per month.	350.00	
Total.		5,408.32	
<i>Out of Washington.</i>			
Hunter, W. D.	Special field agent, at \$2,750.	2,749.99	1,714.99
Hinds, W. E.	Special field agent, at \$1,800.	450.00	50.95
Bishopp, F. C.	Special field agent, at \$1,400 and \$1,600.	1,491.67	709.47
Goes, Springer.	Special field agent, at \$1,400.	1,399.99	1,266.66
Pierce, W. Dwight.	Special field agent, at \$1,400 and \$1,800.	1,700.00	392.45
Yothers, W. W.	Special field agent, at \$1,400.	350.00	
Jones, C. R.	Special field agent, at \$1,300.	1,300.00	1,019.40
Cushman, R. A.	Special field agent, at \$100 per month.	1,200.00	872.11
Newell, Wilmon.	do.	1,200.00	428.20
Spooner, C. S.	Special field agent, at \$1,000.	258.33	272.15
Hood, Clarence E.	Special agent, at \$100 per month.	1,200.00	743.12
Mitchell, J. D.	do.	500.00	
Tucker, E. S.	Special agent, at \$1,000.	500.00	315.65
Pratt, F. C.	Assistant entomologist, at \$1,600.	1,600.00	605.20
Sanborn, C. E.	Expert entomologist, at \$1,200.	1,200.00	229.47
Blesi, Edward.	Clerk, stenographer, and typewriter, at \$1,200.	1,200.00	112.65
Lomanitz, Sebastian.	Laborer, at \$45 per month.	50.55	
Pettit, A. K.	do.	540.00	
Ward, E. Dan.	Laborer, at \$30 per month.	58.50	
Total.		18,949.03	

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Cotton boll weevil investigations (Entomology) 1908, \$40,000."*

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Dorsey Printing Co.	\$70.50	Hastings & Co., H. G.	\$18.00
Exline Co., M. P.	44.00	Keithly, C. E.	247.00
Morrison Paper Co., E.	13.00	Lincoln Paint and Color Co.	2.05
Total.	127.50	Lomanitz, Sebastian.	36.00
<i>Miscellaneous supplies, etc.</i>		Lowrance, J. S.	125.00
Alexandria Hardware Co.	20.59	Markham, G. C.	15.41
American Entomological Co.	44.93	Markham Lumber Co., J. L.	2.38
Arnold, Henry A.	17.00	Mosher Manufacturing Co.	78.00
Boyle, Henry.	9.47	New Process Roofing and Supply Co.	12.50
Brown, Marcus L.	30.00	Penniman, Harry.	5.00
Burrell's Press Clipping Bureau.	55.00	Sanger Bros.	5.42
Clark, D. S.	37.50	Smith, J. B.	4.25
Cleveland, J. R.	12.20	Texas Seed and Floral Co.	11.60
Dallas Gas Co.	2.40	Thomson Hardware Co., H. N.	68.83
Dallas Stable.	450.50	Titche-Goettinger Co.	27.13
Dallas Transfer and Cab Co.	2.50	Total.	2,520.53
Dashiell, Wm. C.	5.00	<i>Furniture.</i>	
Dillon Shop, The.	48.32	Dorsey Printing Co.	39.90
Excelsior Seed Farms.	40.00	Fakes Furniture and Carpet Co.	10.50
Ferguson, W. T.	100.00	Woodward & Lothrop.	28.88
Franklin, W. T.	214.00	Total.	79.28
Gilson, W. H.	750.00		
Grant Co., J. E.	4.25		
Greer, L. F.	18.30		

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Cotton boll weevil investigations (Entomology) 1908, \$40,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Fuel.</i>		<i>Apparatus, instruments, and laboratory material.</i>	
Penniman, Harry .....	\$18.00	Bausch & Lomb Optical Co. ....	\$92.44
<i>Freight.</i>		Buckingham, J. T. ....	105.90
Benedict Warehouse and Transfer Co. ....	9.64	Friez, Julian P. ....	6.86
Dallas Transfer and Cab Co. ....	292.46	Green, Henry J. ....	15.93
Houston and Texas Central R. R. Co. ....	13.28	Thomas Co., Arthur H. ....	13.79
Louisiana Ry. and Navigation Co. ....	1.27	Weichsel Co., C. ....	157.39
Total .....	316.65	Whitall, Tatum Co. ....	25.50
<i>Express.</i>		Total .....	417.81
Adams Express Co. ....	146.75	<i>Travel and station and field expenses.</i>	
United States Express Co. ....	7.70	Bishopp, F. C. ....	\$709.47
Total .....	154.45	Blesi, Edward. ....	112.65
<i>Telegraph.</i>		Cushman, R. A. ....	872.11
Postal Telegraph-Cable Co. ....	19.28	Goes, Springer. ....	1,266.66
Western Union Telegraph Co. ....	14.77	Hinds, W. E. ....	50.95
Total .....	34.05	Hood, C. E. ....	743.12
<i>Telephone.</i>		Howard, L. O. ....	212.49
Southwestern Telephone and Telegraph Co. ....	77.35	Hunter, W. D. ....	1,714.99
<i>Rent.</i>		Hyslop, James A. ....	8.25
Dodson, John B. ....	480.00	Jones, C. R. ....	1,019.40
		Knab, Frederick. ....	172.87
		McLachlan, Argyle. ....	25.80
		Mitchell, J. D. ....	317.47
		Newell, W. ....	428.20
		Pierce, W. D. ....	392.45
		Pratt, F. C. ....	605.20
		Sanborn, C. E. ....	229.47
		Spooner, C. S. ....	272.15
		Tucker, E. S. ....	315.65
		Yothers, W. W. ....	190.05
		Total .....	9,659.40

Total amount of appropriation .....	\$40,000.07
Total expenditures under above groups .....	38,242.3
Unexpended balance .....	1,757.6

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Cotton boll weevil investigations (Entomology), 1908, \$40,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Dallas Transfer and Cab Co. ....	Payment of freight charges on cotton seed and fertilizers in Texas.	\$161.32
W. T. Ferguson. ....	Growing of cotton for investigations concerning the boll weevil.	100.00
W. T. Franklin. ....	do. ....	214.00
W. H. Gilson. ....	do. ....	750.00
C. E. Keithly. ....	do. ....	200.00
J. S. Lowrance. ....	do. ....	125.00
Total .....		1,550.32

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Caudell, A. N.	Assistant, at \$1,400.	\$1,400.00	
Dyar, Harrison G.	Expert and agent, at \$1,800.	300.00	
Knab, Frederick.	Entomological draftsman, at \$1,000.	416.66	
O'Leary, E. B.	Clerk, at \$1,400 and \$1,600.	1,591.66	\$18.00
Townsend, C. H. T.	Expert preparator, at \$1,200, \$1,400, and \$1,600.	1,391.65	385.80
Crawford, J. C.	Agent and expert, at \$1,600.	666.67	
Total.		5,766.64	
<i>Out of Washington.</i>			
Rogers, D. M.	Special field agent, at \$2,600.	2,599.99	1,448.92
Fiske, W. F.	Special field agent, at \$1,800.	1,800.00	64.85
Dalton, H. B.	Clerk, stenographer, and typewriter, at \$900 and \$1,200.	1,187.50	
Chisholm, Joseph L. B.	Stenographer and typewriter, at \$900.	415.00	
Adams, Thurman H.	Laborer, at \$1.76 per diem.	8.80	
Arnold, Abraham S.	do.	17.60	
Brown, Marshall E.	do.	1.76	
Donilon, James A.	do.	8.80	
Donilon, Wm. J.	do.	22.22	
Donohue, James F.	do.	7.04	
Doyle, John.	do.	22.22	
Durkin, Thos. J.	do.	17.60	
Earle, Wm. L.	do.	23.98	
Feeney, John H.	do.	8.80	
Fitchett, John T.	do.	8.80	
Gill, John J.	Laborer, at \$1.76 and \$2 per diem.	27.01	
Gilfoil, Anthony J.	Laborer, at \$1.76 per diem.	8.80	
Goff, Herbert, C.	do.	17.60	
Gormley, Frederic H.	do.	23.98	
Gormley, James F.	do.	22.22	
Henry, Robert J.	do.	23.98	
Horovitz, Harry.	do.	27.01	
Keenan, John F.	do.	21.12	
Kelly, Peter F.	do.	8.80	
Laplume, Henry G.	do.	10.56	
Larocque, Joseph A.	do.	10.56	
McHugh, John F.	do.	7.04	
McIntyre, James J.	do.	8.80	
McKenna, Thos. J.	do.	21.12	
Maguire, Charles J.	do.	23.98	
Moxham, John H.	do.	7.04	
O'Neill, James.	do.	22.22	
O'Neill, Geo. A.	do.	17.60	
Parker, Patrick.	do.	23.98	
Parker, William.	do.	21.34	
Pierce, Lewis K.	do.	1.76	
Semonof, Judah.	do.	23.98	
Smith, Elmer F.	do.	19.36	
Smith, Frank M.	do.	22.88	
Tracy, Wm. J.	do.	23.98	
Walker, Charles H.	do.	7.04	
Watson, Jesse.	do.	23.98	
Abbott, Howard C.	Laborer, at \$2 per diem.	6.00	
Adams, Clarence E.	do.	.50	
Adams, George H.	do.	46.00	
Anderson, Erwin W.	do.	2.00	
Anderson, George.	do.	95.00	
Anderson, William H.	do.	50.00	
Anderson, Walter R.	do.	375.00	
Babcock, Bert.	do.	78.25	
Bailey, Fred O.	do.	28.00	
Bailey, Patrick M.	do.	2.25	
Barndollar, Joseph N.	do.	52.00	
Barnes, Thomas.	do.	425.00	
Barrus, Daniel B.	do.	2.00	
Beadle, Charles S.	do.	38.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
*"Prevention of spread of moths, 1907-8, \$141,407.27"*—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Beal, Maurice .....	Laborer, at \$2 per diem .....	\$578.50	.....
Beaman, Edward I. ....	do .....	54.00	.....
Beaton, Alexander L. ....	do .....	344.25	.....
Bemis, Chas. W. ....	do .....	316.50	.....
Bent, Wm. A. ....	do .....	486.25	.....
Benton, Eugene A. ....	do .....	42.00	.....
Bernard, George. ....	do .....	57.00	.....
Bernard, Peter O. ....	do .....	66.75	.....
Berry, Leon M. ....	do .....	41.50	.....
Blance, Clarke. ....	do .....	52.00	.....
Blue, John D. ....	do .....	5.00	.....
Boardman, Chester E. ....	do .....	150.50	.....
Bonning, Julius J. ....	do .....	2.00	.....
Bradford, Henry A. ....	do .....	21.00	.....
Breen, Harry E. ....	do .....	579.00	.....
Brennan, Thos. E. ....	do .....	21.25	.....
Breslin, Lewis C. ....	do .....	73.00	.....
Brewer, Perley H. ....	do .....	16.00	.....
Briggs, Chas. A. ....	do .....	50.50	.....
Briggs, James E. ....	do .....	288.75	.....
Brooks, Guy M. ....	do .....	56.00	.....
Brooks, Tyler W. ....	do .....	29.00	.....
Brown, Ernest B. ....	do .....	51.00	.....
Brown, Frank G. ....	do .....	135.00	.....
Brown, Frank W. ....	do .....	55.75	.....
Brown, Harry. ....	do .....	3.25	.....
Brown, Willis F. ....	do .....	18.00	.....
Bryant, Arthur. ....	do .....	571.00	.....
Bryant, Fred W. ....	do .....	215.25	.....
Bunker, Frank F. ....	do .....	38.00	.....
Bunker, Melvin E. ....	do .....	24.00	.....
Burke, James W. ....	do .....	9.00	.....
Burley, Harry E. ....	do .....	2.00	.....
Burnett, John W. ....	do .....	22.50	.....
Burrage, Warren S. ....	do .....	397.50	.....
Butters, Walter R. ....	do .....	3.75	.....
Call, Louis D. ....	do .....	263.25	.....
Canney, Joseph. ....	do .....	584.25	.....
Carey, Thos. J. ....	do .....	622.50	.....
Carlton, Austin E. ....	do .....	57.00	.....
Carlton, John H. ....	do .....	2.00	.....
Carroll, James. ....	do .....	15.00	.....
Carter, George. ....	do .....	47.00	.....
Cass, Everett. ....	do .....	2.00	.....
Cassell, Matthew. ....	do .....	2.00	.....
Champagne, Grover J. ....	do .....	24.25	.....
Chase, Charles. ....	do .....	2.00	.....
Cheney, Albert C. ....	do .....	456.00	.....
Chick, Everett E. ....	do .....	22.00	.....
Childs, David A. ....	do .....	10.00	.....
Churchill, Robt. A. ....	do .....	3.00	.....
Clark, Oscar T. ....	do .....	52.00	.....
Clements, Ray. ....	do .....	4.50	.....
Coholan, Wm. ....	do .....	151.75	.....
Coleman, James P. ....	do .....	52.00	.....
Colombe, Lewis R. ....	do .....	65.00	.....
Colt, John H. ....	do .....	22.00	.....
Conway, James M. ....	do .....	63.00	.....
Cook, Frank A. ....	do .....	24.00	.....
Cook, Louis E. ....	do .....	139.00	.....
Cook, Perley D. ....	do .....	24.00	.....
Corson, Fred L. ....	do .....	8.00	.....
Cotton, Leslie E. ....	do .....	51.00	.....
Courtney, Thomas J. ....	do .....	182.00	.....
Coyne, James J. ....	do .....	104.75	.....
Crane, Max. ....	do .....	2.00	.....
Crean, Michael J. ....	do .....	6.00	.....
Crimmens, John. ....	do .....	6.50	.....
Crowley, Christopher. ....	do .....	226.75	.....

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Cunningham, John H. ....	Laborer, at \$2 per diem. ....	\$7.75	
Curry, Frank. ....	do. ....	355.50	
Curtis, Justin D. ....	do. ....	257.25	
Davehy, Richard J. ....	do. ....	104.50	
Davis, Albert J. ....	do. ....	50.00	
Davis, Thomas, F. A. ....	do. ....	2.00	
Davis, Wm. D. ....	do. ....	15.00	
Day, Harold R. ....	do. ....	20.00	
Day, Ralph D. ....	do. ....	25.75	
Derby, Richard E. ....	do. ....	64.75	
Devanna, John L. ....	do. ....	24.00	
Devine, Thomas W. ....	do. ....	161.25	
Diggs, John C. ....	do. ....	100.00	
Dillon, Joseph J. ....	do. ....	2.50	
Doe, Walter H. ....	do. ....	24.00	
Doherty, Daniel F. ....	do. ....	88.00	
Doherty, Francis J. ....	do. ....	88.25	
Dolen, John. ....	do. ....	594.25	
Donlon, John J. ....	do. ....	12.00	
Donnelly, Geo. H. ....	do. ....	401.00	
Donnelly, Michael F. ....	do. ....	280.00	
Donovan, John F. ....	do. ....	74.25	
Donovan, James J. ....	do. ....	21.50	
Dorr, Joseph F. ....	do. ....	51.00	
Doucette, Anthony. ....	do. ....	393.75	
Doucette, Lawrence. ....	do. ....	398.00	
Dow, Custer G. ....	do. ....	1.50	
Dowden, Samuel H. ....	do. ....	103.75	
Downes, James E. ....	Laborer, at \$2 and \$1.76 per diem. ....	58.88	
Downing, Elmer R. ....	Laborer, at \$2 per diem. ....	16.00	
Doyle, Edward. ....	do. ....	587.00	
Doyle, Frank P. ....	do. ....	17.25	
Dunbar H. Walter. ....	do. ....	612.75	
Eldridge, Willie S. ....	do. ....	24.00	
Elliott, Geo. W. ....	do. ....	400.00	
Emery, Joseph E. ....	do. ....	52.00	
Emery, John W. ....	do. ....	28.75	
Evans, E. Dudley. ....	do. ....	639.00	
Farren, John J. ....	do. ....	383.75	
Farrington, Geo. A. ....	do. ....	186.75	
Fegan, Thomas. ....	do. ....	2.00	
Fenwick, J. Allan. ....	do. ....	69.25	
Fitzpatrick, James C. ....	do. ....	129.25	
Flynn, Cornelius. ....	do. ....	10.00	
Fody, Thomas P. ....	do. ....	50.00	
Fogg, Ernest L. ....	do. ....	14.00	
Foley, Thomas F. ....	do. ....	228.75	
Forbes, Edw. B. ....	do. ....	220.25	
Forbush, Erwin H. ....	do. ....	12.00	
Ford, Elmer. ....	do. ....	12.00	
Ford, Fred E. ....	do. ....	49.50	
Forsythe, John A. ....	do. ....	10.25	
Frederickson, Emil. ....	do. ....	461.00	
French, Winfield H. ....	do. ....	12.00	
Frotton, John H. ....	do. ....	2.00	
Gaffney, Robt. S. ....	do. ....	116.50	
Gage, Simon. ....	do. ....	33.50	
Galvin, Garrett J. ....	do. ....	52.00	
Geoghagan, Joseph F. ....	do. ....	39.75	
Geoghagan, Chas. J. ....	do. ....	73.25	
Giblin, James M. ....	do. ....	144.50	
Gillen, Frank J. ....	do. ....	30.00	
Gillis, John J. ....	do. ....	195.50	
Glass, Robert J. ....	do. ....	22.00	
Gough, Edward J. ....	do. ....	2.00	
Gould, James. ....	do. ....	38.50	
Grady, Michael J. ....	do. ....	14.00	
Green, Percy E. ....	do. ....	37.00	
Greenough, Frank H. ....	do. ....	144.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Grinshaw, John.....	Laborer, at \$2 per diem.....	\$57.00	
Grinshaw, Joseph.....	do.....	59.00	
Gulezian, Kirkor.....	do.....	6.00	
Hale, Horace G.....	do.....	307.00	
Hall, Willis L.....	do.....	46.00	
Halpin, Wm.....	do.....	405.25	
Hanson, Chas. R. W.....	do.....	70.00	
Hargrove, John H.....	do.....	291.50	
Harris, Chas.....	do.....	262.75	
Harris, Gilbert N., Jr.....	do.....	81.75	
Hatt, Burten G.....	do.....	38.00	
Hawbolt, Samuel S.....	do.....	18.00	
Hawkes, Albert F.....	do.....	576.50	
Hayward, Guy A.....	do.....	15.25	
Healy, Wm. L.....	do.....	2.00	
Henick, Henry H.....	do.....	1.25	
Henry, Warren.....	do.....	9.75	
Herbert, Henry K.....	do.....	616.25	
Hervey, Chas. F.....	do.....	9.00	
Hines, Thomas.....	do.....	176.00	
Hodgdon, Clarence.....	do.....	31.00	
Holmes, Walter F.....	do.....	3.00	
Homan, Daniel A.....	do.....	135.75	
Horner, George H.....	do.....	141.50	
Hosea, Frank W.....	do.....	273.00	
Howe, Newell K.....	do.....	52.00	
Hutchinson, Wm. A.....	do.....	303.75	
Jenkins, Arthur F.....	do.....	12.00	
Joll, Walter.....	do.....	581.50	
Jones, Carl C.....	do.....	22.00	
Jones, Herbert W.....	do.....	29.00	
Jones, Lewis P.....	do.....	412.00	
Julien, Simon.....	do.....	627.25	
Keating, Patrick.....	do.....	81.00	
Kehoe, Wm. H.....	do.....	28.00	
Kelley, Clarence E.....	do.....	16.00	
Kelley, Fred J.....	do.....	2.00	
Kelley, Isaiah F.....	do.....	4.00	
Kelley, Thomas F.....	do.....	2.00	
Kelliher, Wm. J.....	do.....	75.00	
Kendall, George A.....	do.....	10.00	
Kennedy, Daniel J.....	do.....	434.50	
Kennedy, Robt. J.....	do.....	50.25	
Kennedy, Robert W.....	do.....	576.50	
Kenny, Ivan L.....	do.....	360.75	
Keough, Jno. F.....	do.....	2.00	
Kidder, Arthur E.....	do.....	18.00	
Kimball, Lyman L.....	do.....	447.25	
Kirkpatrick, Wm. R.....	do.....	38.00	
Knowles, David W.....	do.....	208.50	
Knowles, S. Jewel.....	do.....	9.50	
Kobyelsky, David.....	do.....	26.00	
Ladd, Waldo W.....	do.....	52.00	
Laetsch, Charles F.....	do.....	416.75	
Lamprey, Arthur B.....	do.....	35.50	
Lamprey, Joseph E.....	do.....	72.00	
La Pointe, Clement.....	do.....	98.00	
La Pointe, Frank X.....	do.....	139.75	
La Pointe, J. George.....	do.....	147.75	
Larey, Alfred R.....	do.....	12.00	
Laughlin, Jerry.....	do.....	95.75	
Lawlor, Francis J.....	do.....	6.50	
Lawn, Patrick.....	do.....	34.00	
Leclair, Isaac.....	do.....	38.00	
Le Colst, John.....	do.....	7.00	
Legro, Alonzo L.....	do.....	303.50	
Livingstone, Walter.....	do.....	72.00	
Locke, Joseph W.....	do.....	16.00	
Logan, Fred A.....	do.....	45.25	
Lang, Clarence M.....	do.....	29.00	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Lord, Perley K.....	Laborer, at \$2 per diem.....	\$2.00	.....
Lorden, John A.....	do.....	129.00	.....
Lorden, Wm. F.....	do.....	262.25	.....
Lorden, John J.....	do.....	2.00	.....
Loveland, E. Everett.....	do.....	126.50	.....
Lynde, Frank G.....	do.....	4.00	.....
Lyons, Frank J.....	do.....	5.50	.....
Lyons, Patrick C.....	do.....	5.50	.....
McCabe, Martin L.....	do.....	198.00	.....
McCarron, Frank P.....	do.....	19.50	.....
McClennan, Lawrence.....	do.....	25.00	.....
McCormack, Wm. F.....	do.....	2.00	.....
McCormick, Wm. J.....	do.....	2.00	.....
McCullough, Joseph L.....	do.....	88.75	.....
McDevitt, John F.....	do.....	51.00	.....
McDevitt, John J.....	do.....	151.00	.....
McDevitt, Wm.....	do.....	27.25	.....
McGowan, Chas. F.....	do.....	216.25	.....
McHugh, Thos.....	do.....	81.50	.....
McKenna, Simon.....	do.....	14.00	.....
McKenzie, Daniel M.....	do.....	399.25	.....
McLaughlin, Ralph L.....	do.....	248.00	.....
McLellan, Thomas.....	do.....	2.00	.....
McMahon, Thomas.....	do.....	375.25	.....
McMan, Will.....	do.....	251.00	.....
McNulty, James.....	do.....	1.00	.....
McQuade, Wm. H.....	do.....	23.50	.....
Mace, Frank C.....	do.....	71.00	.....
Macnair, Samuel L.....	do.....	2.00	.....
Mahoney, James.....	do.....	616.75	.....
Malley, Thomas.....	do.....	2.00	.....
Marshall, Charles W.....	do.....	346.25	.....
Mayo, Orlando.....	do.....	18.00	.....
Meakim, Robt. J.....	do.....	316.25	.....
Means, Walter.....	do.....	67.00	.....
Melendy, Henry N.....	do.....	2.00	.....
Merrill, Howard P.....	do.....	54.00	.....
Merritt, Edward W.....	do.....	12.00	.....
Meuse, Joseph F.....	do.....	160.25	.....
Meuse, Reuben.....	do.....	618.75	.....
Middleton, Wilfred.....	do.....	193.50	.....
Miller, Charles L.....	do.....	369.75	.....
Miller, Fred W.....	do.....	66.25	.....
Miller, Geo. A.....	do.....	582.50	.....
Miller, Harry F.....	do.....	432.25	.....
Miller, Oscar L.....	do.....	389.25	.....
Miller, Russell E.....	do.....	24.00	.....
Miller, Thomas L.....	do.....	274.00	.....
Moore, John.....	do.....	28.00	.....
Moran, Thos. F.....	do.....	282.00	.....
Mosse, J. Alvin.....	do.....	104.00	.....
Mullen, Alex. J.....	do.....	403.00	.....
Mullen, William E.....	do.....	39.00	.....
Murphy, Hugh.....	do.....	96.00	.....
Murphy, Jeremiah.....	do.....	3.50	.....
Murphy, Thos. F.....	do.....	23.50	.....
Murphy, Wm. H.....	do.....	2.00	.....
Murray, Charles.....	do.....	81.50	.....
Myatt, James J.....	do.....	2.00	.....
Nadeau, Benoit.....	do.....	348.25	.....
Nassif, James.....	do.....	210.50	.....
Nassif, Wm. J.....	do.....	2.00	.....
Neal, William C.....	do.....	251.00	.....
Neiss, Fred J.....	do.....	135.25	.....
Neiss, John L.....	do.....	597.25	.....
Neiss, Walter J.....	do.....	156.00	.....
Neville, James M.....	do.....	341.50	.....
Neville, Wm. J.....	do.....	402.75	.....
Newdick, Erlon T.....	do.....	52.00	.....
Newhall, Eugene A.....	do.....	412.00	.....

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Newick, Albert E.	Laborer, at \$2 per diem.	\$4.50	
Nolan, Leo. D.	do.	2.00	
Norris, Frank W.	do.	48.00	
O'Donnell, Luke.	do.	19.25	
O'Keefe, Jeremiah E.	do.	40.00	
O'Leary, Patrick H.	do.	1.00	
O'Rourke, Edward.	do.	20.00	
Pearsons, Frank C.	do.	10.00	
Pecham, Frank J.	do.	35.50	
Peckham, Earle W.	do.	20.00	
Pelkey, Walter S.	Laborer, at \$2 and \$1.76 per diem.	56.88	
Perry, Roland L.	Laborer, at \$2 per diem.	2.00	
Peterson, Peter C.	do.	326.00	
Philbrick, Harry M.	do.	64.25	
Philbrick, John W.	do.	69.50	
Pierce, Arnold S.	Laborer, at \$2 and \$1.76 per diem.	59.98	
Pierce, Gardner M.	Laborer, at \$2 per diem.	196.50	
Pitcher, Henry P.	do.	24.75	
Place, Wesley R.	do.	331.75	
Pratt, Clifford.	do.	140.50	
Proctor, Edwin W.	do.	18.00	
Proctor, John R.	do.	68.75	
Prue, Napoleon.	do.	4.00	
Purtie, Dennis A.	do.	89.50	
Ramsdell, Herbert A.	do.	176.25	
Randall, Horace A.	do.	69.00	
Reardon, John F.	do.	44.00	
Redman, Frank B.	do.	20.00	
Reed, Edward F.	do.	298.00	
Reinhalter, Jos. F.	do.	388.25	
Reynolds, Geo. C.	do.	474.00	
Riley, Hugh E.	do.	39.50	
Riley, Harry J.	do.	106.00	
Riley, James H.	do.	23.00	
Riley, Michael J.	do.	302.50	
Riordan, Michael J.	do.	11.00	
Roberts, Ralph P.	do.	261.25	
Robbins, Harry.	do.	16.00	
Roche, Wm. H.	do.	49.75	
Rochford, Hilary L.	do.	45.00	
Rooney, Thos. F.	do.	118.00	
Rourke, Wm. A.	do.	28.25	
Rowell, Howard F.	do.	3.25	
Ryan, Edward F.	do.	172.25	
Ryan, Geo. H.	do.	168.50	
Sawyer, Justin A.	do.	52.00	
Scott, Roger W.	do.	4.00	
Sennatt, Maurice.	do.	44.25	
Shanahan, Cornelius T.	do.	439.00	
Shanahan, Jeremiah.	do.	5.00	
Shanahan, John F.	do.	352.00	
Shaughnessy, John J.	do.	4.00	
Shea, James P.	do.	2.00	
Shea, Michael J.	do.	429.75	
Shirley, James W.	do.	449.50	
Shorey, Morley J.	do.	52.00	
Silvey, Frank.	do.	497.50	
Smalle, Geo. H.	do.	2.00	
Sales, Geo. W.	do.	71.25	
Spencer, Wm. T.	do.	23.00	
Stevens, John M.	do.	85.25	
Stevens, Roscoe.	do.	176.00	
Stevenson, John.	do.	425.50	
Storey, Chester W.	do.	40.50	
Sullivan, Daniel D.	do.	253.00	
Sullivan, Daniel J.	do.	102.00	
Sullivan, Edward A.	do.	385.75	
Sullivan, John F.	do.	2.00	
Sullivan, Philip H.	do.	122.50	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Sultaire, Augustus.....	Laborer, at \$2 per diem.....	\$47.00	
Sweeney, Edward M.....	do.....	255.00	
Tarbox, A. F.....	do.....	2.00	
Tarr, John.....	do.....	37.00	
Taylor, Wm.....	do.....	306.25	
Thompson, Frank S.....	do.....	75.00	
Thornton, Peter J.....	do.....	4.00	
Thurlow, Samuel.....	do.....	58.00	
Thurston, Edwin C.....	do.....	25.00	
Tinkham, Jacob.....	do.....	47.00	
Tobey, Thomas C.....	do.....	44.00	
Toomey, Patrick J.....	do.....	271.25	
Torr, Chas. W.....	do.....	57.00	
Toth, Ference.....	do.....	173.50	
Totman, Henry F.....	do.....	28.00	
Tourtillott, H. S.....	do.....	6.00	
Tracey, Frank, jr.....	do.....	75	
Travis, Wilber H.....	do.....	50.00	
Twining, Addison.....	do.....	334.50	
Twiss, Everett M.....	do.....	95.75	
Twiss, Lyman H.....	do.....	410.75	
Underwood, Chester E.....	do.....	42.00	
Urquhart, Clarence.....	do.....	12.00	
Vary, Ernest P.....	do.....	1.00	
Vetertline, Frank W.....	do.....	243.50	
Wadsworth, Ralph E.....	do.....	7.75	
Waltt, Fred C.....	do.....	233.00	
Walcott, Chas. A.....	do.....	327.50	
Walden, John F.....	do.....	25.00	
Webber, John W.....	do.....	583.75	
Welch, James B.....	do.....	301.75	
Wetherbee, Ira A.....	do.....	240.75	
Weymouth, Ernest L.....	do.....	66.25	
Wheeler, Wm. J.....	do.....	1.75	
White, Charles C.....	do.....	72.00	
Whittemore, John C.....	do.....	205.25	
Wiley, Edward H.....	do.....	180.00	
Wiley, Wilbur E.....	do.....	359.75	
Williams, King.....	do.....	171.50	
Williams, Richard J.....	do.....	2.00	
Wilson, Chas. F. R.....	do.....	381.50	
Wilson, Frank.....	do.....	419.75	
Wilson, Louis.....	do.....	10.00	
Wing, Frederick B.....	do.....	51.00	
Woodbury, Fred E.....	do.....	47.50	
Woodis, Hiram.....	do.....	84.50	
Young, Miland I.....	do.....	23.00	
Ahearn, Wm. J.....	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	686.30	
Bishop, Wiley L.....	do.....	606.30	
Bragan, John F.....	do.....	615.40	
Callan, Joseph J.....	do.....	650.45	
Casey, Daniel P.....	do.....	404.20	
Chandler, Frank A.....	do.....	672.75	
Darragh, Wm. H.....	do.....	471.05	
Farrey, James P.....	do.....	276.65	
Feener, Fred.....	do.....	569.10	
Feeney, Thos. W.....	do.....	660.10	
Foster, Fred W.....	do.....	435.20	
Frazier, Daniel J.....	do.....	681.75	
Graves, Frank W., jr.....	do.....	678.80	
Guppey, Chester A.....	do.....	410.15	
Harney, Joseph P.....	do.....	604.90	
Harrington, Robt. T.....	do.....	672.85	
Herbert, Edwin H.....	do.....	594.95	
Huntington, John C.....	do.....	398.80	
Kallenberg, John C.....	do.....	441.55	
Keefe, Jeremiah.....	do.....	533.20	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Litchfield, Ernest E.	Laborer, at \$2 per diem, and scout, at \$2.40 per diem.	\$651.90	
Milligan, Wm. H.	do.	273.95	
Mullally, Christopher	do.	404.20	
Murray, Jeremiah F.	do.	589.60	
Newbegin, Irving B.	do.	647.90	
Newbegin, Guy M.	do.	209.25	
O'Connell, Joseph T.	do.	561.65	
Polk, Clifton C.	do.	318.45	
Prentiss, Amory.	do.	375.45	
Purslow, Daniel E.	do.	420.05	
Salmon, Holden.	do.	408.95	
Sarsfield, Wm.	do.	714.80	
Saunders, Wm. P.	do.	668.25	
Scott, John W.	do.	646.00	
Singeton, Roland L.	do.	557.55	
Stacy, F. Choate	do.	380.35	
Taylor, Oscar E.	do.	557.45	
Tracey, Patrick H.	do.	660.15	
Ames, Harold A.	Laborer, at \$2 per diem, and spray foreman, at \$2.80 per diem.	467.20	
Christie, Edgar	Laborer, at \$2 per diem; scout, at \$2.40 per diem; and foreman, at \$2.50 per diem.	519.60	
Doucette, William A.	Laborer, at \$2 per diem; scout, at \$2.40 per diem; and foreman, at \$2.80 and \$2.50 per diem.	529.20	
Whitehead, Geo. D.	Laborer, at \$2 per diem; foreman, at \$2.80 per diem; and scout, at \$2.40 per diem.	703.15	
Hampton, Arthur B.	Laborer, at \$2 per diem; scout, at \$2.40 per diem; and laborer, at \$2 per diem.	467.25	
Kettell, Geo. H.	Laborer, at \$2 per diem, and tool keeper, at \$2.50 per diem.	646.50	
Bean, Henry N.	Laborer, at \$2 per diem, and foreman, at \$2.50 per diem.	453.60	
Feeney, Michael H.	Laborer, at \$2 per diem, and foreman, at \$2.50 and \$2.80 per diem.	729.31	
Legro, Elmer E.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem.	725.25	
Abbott, Geo. W.	Laborer, at \$2 per diem, and foreman, at \$2.50 per diem.	416.75	
Bailey, Bryant M.	do.	392.50	
Collins, Daniel I.	Laborer, at \$2 per diem, and foreman, at \$2.80 per diem.	607.85	
Durant, Joseph H.	Laborer, at \$2 per diem, and foreman, at \$2.50 per diem.	217.50	
Foster, Walter E.	do.	742.06	
Hayes, Daniel J.	do.	580.25	
Hendry, Clinton C.	do.	67.50	
Hendry, Frank W.	do.	80.50	
Holbrook, Milton T.	do.	230.00	
Kelliher, John J.	do.	444.25	
Knowles, Levi W.	do.	214.63	
Lewis, Harold N.	do.	238.00	
Locke, George E.	do.	160.75	
Nelligan, John P.	do.	686.77	
Raymond, Edward L.	do.	263.81	
Russell, Seth H.	do.	492.13	
Thompson, Charles A.	do.	52.75	
Webb, Roy P.	do.	189.50	
Bedell, Daniel F.	Scout, at \$2.40 per diem.	367.60	
Billings, Lewis.	do.	20.40	
Blake, Smith C.	do.	350.80	
Copson, John.	Scout, at \$2.40 per diem; laborer, at \$2 per diem; and scout, at \$2.40 per diem.	700.30	
Dorr, Frederick W.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem.	365.40	
Grant, Benjamin	Scout, at \$2.40 per diem.	223.20	
Haynes, Wm. E.	do.	260.40	
Moulton, Bernard A.	do.	223.20	
Moulton, Samuel W.	do.	223.20	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Noyes, Patrick H.	Scout, at \$2.40 per diem, and foreman, at \$2.80 per diem.	\$476.60	
Otis, Harry.	Scout, at \$2.40 per diem.	223.20	
Platt, Everett J.	do.	304.80	
Ray, Wm.	do.	199.20	
Sawyer, L. H.	Scout, at \$2.40 per diem, and laborer, at \$2 per diem.	356.80	
Wade, Porter A.	Scout, at \$2.40 per diem.	102.00	
Weeks, John.	do.	235.20	
Wylie, Lowell M.	do.	12.00	
Sweeney, John W.	Foreman, at \$3 per diem.	384.00	
Atkinson, Wm.	Foreman, at \$2.50 per diem.	338.45	
Berry, Alvin T.	do.	6.25	
Brooks, Howard M.	do.	84.69	
Buckley, Daniel F.	do.	754.08	
Corson, Frank D.	do.	68.75	
Cross, Arthur L.	do.	62.50	
Darragh, Joseph H.	Foreman, at \$2.50 per diem; laborer, at \$2 per diem; and scout, at \$2.40 per diem.	458.30	
Freeman, Wm. H.	Foreman, at \$2.50 per diem.	792.82	
Glennon, John F.	do.	781.57	
Lawe, Gilbert E.	do.	769.38	
McCarthy, Daniel H.	do.	390.01	
McGilley, Chas. J.	do.	312.19	
McIntyre, Henry L.	Foreman, at \$2.50 and \$2.80 per diem.	808.69	
Martin, John J.	Foreman, at \$2.50 per diem, and laborer, at \$2 per diem.	603.63	
Mollins, Thos. E.	Foreman, at \$2.50 and \$3 per diem.	764.31	\$40.55
O'Connell, John.	Foreman, at \$2.50 per diem.	57.50	
Ripley, Wm. G.	Foreman, at \$2.50 and \$2.80 per diem.	257.87	
Rodgers, Thos. S.	do.	565.06	
Sargent, James F.	Foreman, at \$2.50 per diem.	47.50	
Stevens, Chas. W.	do.	800.00	25.15
Bailey, Irving L.	General foreman, at \$3 per diem.	93.00	37.71
Murphy, David G.	General foreman, at \$3 and \$3.50 per diem.	1,094.50	281.33
Penniman, L. Everett.	Engineer, at \$2.80 per diem.	38.15	
Clifford, Henry H.	Engineer, at \$2.80 per diem; foreman, at \$2.50 per diem; tool keeper, at \$2.50 per diem; and spray foreman, at \$2.80 per diem.	813.21	
Crayton, John S.	Engineer, at \$2.80 per diem, and laborer, at \$2 per diem.	595.50	
Wyman, Oscar L.	Engineer, at \$2.80 per diem, and foreman, at \$2.50 per diem.	742.83	
Geary, Carlton W.	Tool keeper, at \$2.50 per diem.	132.50	
Vinton, H. W.	Special agent, at \$90 per month.	1,080.00	255.81
Total.		110,672.29	

## BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Prevention of spread of moths, 1907-8, \$141,407.27"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture.</i>	
Ballantyne, R. Carter.....	\$1.40	Library Bureau.....	\$27.75
Bliss, Albrecht & Co.....	26.20	Stearns, H. L.....	50.00
Library Bureau.....	5.55	Stearns & Henderson.....	17.00
Morrison Paper Co., E.....	6.42	Total.....	94.75
Total.....	39.57	<i>Express.</i>	
<i>Miscellaneous supplies, etc.</i>		Adams Express Co.....	10.54
American Entomological Co.....	34.75	United States Express Co.....	6.00
Bigelow & Dowse Co.....	1,440.13	Total.....	16.54
Blakeley, C. A.....	37.50	<i>Telegraph.</i>	
Blanchard & Co., Geo. W.....	12.00	Postal Telegraph-Cable Co.....	4.33
Blanchard, Kendall & Co.....	44.22	Western Union Telegraph Co.....	5.00
Boston Coupling Co.....	114.11	Total.....	9.33
Bulkin, Louis H.....	622.00	<i>Telephone.</i>	
Call, Louis D.....	52.50	New England Telephone and Telegraph Co.....	162.91
Chesterton & Co., A. W.....	84.70	<i>Rent.</i>	
Condon, P. P.....	8.00	Bent, Wm. A.....	5.00
Crosby, S. D.....	5.06	Dwyer, Julia E.....	154.96
Cunningham Bros.....	74.00	Trenont Building, trustees.....	699.98
Davis Sq. Automobile Co.....	168.00	Total.....	859.94
Doherty, Philip H.....	217.13	<i>Apparatus, instruments, and labora- tory material.</i>	
Elms, Levi.....	186.00	Bausch & Lomb Optical Co.....	52.12
Espey, J. P.....	2.50	Bowker Insecticide Co.....	3,684.00
Fairbank, Charles W.....	48.00	Columbia Photograph Supply Co.....	16.50
Frost Insecticide Co.....	11.10	Frost Insecticide Co.....	24.00
Hallock, W. G.....	44.63	Lloyd Co., Andrew J.....	14.00
Harvey, Jas. R.....	10.00	Spencer Lens Co.....	82.43
Hindahl & Fredrikson.....	5.00	Whitall, Tatum Co.....	69.00
Jenney Manufacturing Co.....	111.43	Total.....	3,942.05
Kelley, Patrick.....	25.50	<i>Travel and station and field expenses.</i>	
Kinsley, Wm. S.....	72.00	Bailey, Irving L.....	37.71
Landers Brothers.....	160.00	Burgess, A. F.....	122.50
Landers, Daniel D.....	87.25	Conden, F. D.....	17.05
Landers, Edward F.....	172.50	Fiske, W. F.....	64.85
Laskey, John.....	4.00	Howard, L. O.....	331.16
McCarthy, Jas. F.....	22.88	Marlatt, C. L.....	65.30
McIntire, W. S.....	61.00	Mollins, Thos. E.....	40.55
Martin, Ernest W.....	30.00	Murphy, David G.....	281.33
Martin, Thos. A.....	8.50	O'Leary, E. B.....	18.00
Mollins, Thomas E.....	115.50	Rogers, D. M.....	1,448.92
Monarch Typewriter Co.....	82.00	Stevens, Chas. W.....	25.15
Moulton & Co., C. W. H.....	45.00	Townsend, C. H. T.....	385.80
National Coal Tar Co.....	335.98	Vinton, Harry W.....	255.81
Neal, Wm. C.....	31.50	Total.....	3,094.13
Neville, W. J.....	54.25		
New England Oil Co.....	10.00		
Newhall, Elmer B.....	52.50		
Olds Gas Power Co.....	315.16		
Rau, John C.....	7.50		
Revere Rubber Co.....	258.02		
Schmiedeknecht, Otto.....	23.80		
Spencer, Thomas.....	36.00		
Standard Oil Co.....	50.75		
Stoeker, Frederic.....	172.51		
Stoddard-Haserick-Richards Co.....	1,114.50		
Upham, Charles E.....	992.26		
Whitten, C. E.....	115.00		
Total.....	7,788.56		

Total amount of above appropriation.....\$141,407.27  
 Total expenditures under above groups.....132,446.71

Unexpended balance.....8,960.56

## BUREAU OF ENTOMOLOGY—Continued.

## RECAPITULATION.

Statutory salaries.....	\$21,973.67
Lump-fund salaries in Washington.....	59,645.08
Lump-fund salaries outside of Washington.....	160,880.13
Stationery.....	983.65
Miscellaneous supplies and services, equipment, books, machinery, etc.....	15,109.04
Furniture.....	1,032.47
Fuel.....	34.00
Freight.....	520.34
Express.....	460.37
Telegraph.....	220.23
Telephone.....	299.88
Rent.....	3,106.69
Gas and electricity.....	85.90
Apparatus, instruments, and laboratory material.....	7,256.50
Travel and station and field expenses.....	31,286.11
Total for entire Bureau of Entomology.....	302,894.06
Total amount of appropriations.....	317,417.27
Total expenditures under above groups.....	302,894.06
Unexpended balance on September 30, 1908.....	14,523.21
Repayments to credit of appropriations.....	4.46
Net unexpended balance on September 30, 1908.....	14,527.67
Outstanding liabilities on September 30, 1908 (estimated).....	12,960.34
Balance to be turned back in Treasury (estimated).....	*1,567.33

## PROJECTS.

The principal projects conducted by the Bureau of Entomology during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

*Entomological investigations.*

Importations of useful insects.....	\$2,500.00
Investigations of insects affecting forests and forest products.....	11,100.00
Investigations of insects affecting deciduous fruits.....	20,000.00
Investigations of insects affecting cereal and forage plants.....	12,000.00
Investigations of insects affecting truck crops and stored products.....	8,750.00
White fly investigations.....	10,000.00
Investigations of insects in their direct relation to the health of man and domestic animals.....	1,250.00
Investigations of scale insects.....	6,000.00
Experimental work with insecticides.....	3,000.00
Investigations of insects affecting tobacco.....	2,500.00
Inspection work.....	1,000.00
Apicultural investigations.....	8,900.00
Silk investigations.....	5,300.00
Investigations of the life history of the cattle tick.....	5,000.00
Experiments with hydrocyanic acid gas fumigation.....	5,000.00
Miscellaneous investigations (including exhibit at Jamestown Exposition) and other work.....	1,500.00
Total.....	103,800.00

*Cotton boll weevil investigations.*

Work on the Mexican cotton boll weevil and other insects affecting cotton.....	\$40,000.00
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*Prevention of spread of moths.*

Preventing the further spread of the gipsy moth and the brown-tail moth.....	\$141,407.27
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## BUREAU OF BIOLOGICAL SURVEY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Salaries, Bureau of Biological Survey, 1908, \$7,580."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Merriam, C. Hart.....	Chief of Bureau, at \$3,000.....	\$3,000.00	\$1,198.47
Thompson, E. J.....	Clerk class 1.....	1,200.00	.....
Kent, N. H.....	Clerk at \$1,000.....	1,000.00	.....
Milligan, C. B.....	do.....	994.44	.....
Earnshaw, Frank L.....	Clerk, at \$900.....	900.00	.....
Fisher, Della.....	Laborer, at \$480.....	480.00	.....
Total amount of appropriation.....			\$7,580.00
Total amount paid for salaries.....			7,574.44
Unexpended balance.....			5.56

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Biological investigations, 1908, \$44,420."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Henshaw, H. W.....	Administrative assistant, at \$2,750.....	\$2,750.00	.....
Bailey, Vernon.....	Assistant in geographic distribution, at \$2,500.....	2,500.00	\$651.74
Fisher, A. K.....	Assistant in economic investigations, at \$2,500.....	2,500.00	55.25
Palmer, T. S.....	Assistant in game preservation, at \$2,500.....	2,187.51	550.20
Beal, F. E. L.....	Assistant in economic ornithology, at \$2,400.....	2,400.00	5.00
Oberholser, H. C.....	Assistant ornithologist, at \$1,200.....	1,200.00	6.00
Oldys, Henry.....	Assistant biologist, at \$1,800.....	1,800.00	4.49
Osgood, W. H.....	do.....	1,800.00	234.09
Preble, E. A.....	Assistant biologist, at \$1,600.....	1,022.23	26.83
Morrison, A. B.....	Assistant biologist, at \$1,400.....	1,400.00	.....
McAtee, W. L.....	Assistant biologist, at \$1,200.....	1,200.00	.....
Cooke, W. W.....	Assistant biologist and migration expert, at \$1,200.....	700.00	.....
Lantz, D. E.....	Biologist, at \$1,500.....	1,500.00	20.00
Howell, A. H.....	do.....	1,500.00	226.50
Hollister, N.....	Expert, at \$1,200.....	1,200.00	.....
Birdseye, Clarence.....	Expert field naturalist, at \$1,200.....	100.00	.....
Brewster, C. E.....	Game law expert, at \$1,200.....	800.00	44.80
Barrett, J. L.....	Expert taxidermist, at \$900.....	900.00	.....
Weaning, Mattie M.....	Clerk, at \$700.....	58.34	.....
Davis, F. Carl.....	Painter, at \$3.50 per diem.....	3.50	.....
Ward, L. C.....	Messenger, at \$600.....	600.00	.....
Williams, Joseph.....	Laborer, at \$2 per diem.....	5.00	.....
Welch, Joseph.....	do.....	5.00	.....
Turner, Benjamin.....	do.....	5.00	.....
Walters, Charles.....	do.....	5.00	.....
Kennedy, W. J.....	do.....	5.00	.....
Hart, James E.....	do.....	5.00	.....
Gibson, Thos. R.....	do.....	5.00	.....
Gascoigne, G. B.....	do.....	5.00	.....
Cook, R. V.....	do.....	5.00	.....
Claridge, Wm. W.....	do.....	5.00	.....
Jones, Martha.....	Charwoman, at \$1.33 per diem.....	3.33	.....
Fruman, Edena.....	do.....	3.33	.....
Total.....		28,180.24	.....

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Biological investigations, 1908, \$44,420"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Nelson, E. W. ....	Chief field naturalist, at \$2,400 .....	\$2,400.00	\$28.65
Goldman, E. A. ....	Field naturalist, at \$1,600 .....	1,600.00	667.73
Cary, Merritt. ....	Assistant biologist, at \$1,200 .....	1,100.00	506.28
Piper, Stanley E. ....	Scientific assistant, at \$1,200 .....	1,200.00	800.44
Bailey, Wm. L. ....	Expert inspector of foreign birds and animals, at \$5 per inspection.	20.00	.....
Bowdish, B. S. ....	do .....	285.00	.....
Duteher, Wm. ....	do .....	210.00	.....
Ward, Jack. ....	Warden, at \$1 per month .....	1.53	.....
Sprinkle, W. M. ....	do .....	12.00	.....
Saunders, Appleton. ....	do .....	1.50	.....
Pillsbury, Asa N., jr. ....	do .....	12.00	.....
Phelps, George W. ....	do .....	5.00	.....
Kroegel, Paul. ....	do .....	12.00	.....
Homeattle, Arthur N. ....	do .....	1.53	.....
Eastgate, Alfred. ....	do .....	12.00	.....
Total.....		6,872.56	.....

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Biological investigations, 1908, \$44,420"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P. ....	\$4.86	Doolittle, A. A. ....	\$1.00
Bliss, Albrecht & Co. (Incorporated) ..	114.30	Du Perow, M. ....	5.26
Contingent expenses, Department of Agriculture. ....	122.59	Duprey, H. F. ....	3.95
Lamb & Tilden. ....	12.01	Ergood Company, The J. C. ....	1.85
Library Bureau. ....	40.80	Evermann, Barton W. ....	2.05
Lincoln, Fred S. ....	21.60	Farrow Arms Company. ....	2.00
Morrison Paper Co., E. ....	4.75	Felt & Farrant. ....	200.00
Roberts Company (Incorporated), W. F. ....	48.44	Foley, D. J. ....	18.70
Schmidt, Fred A. ....	4.20	Frey, J. W. ....	12.00
Stott Company, Chas. G. ....	3.00	Fuertes, Louis Agassiz. ....	300.00
Swayze, W. L. ....	86.25	Gatchel & Manning. ....	49.90
United States Envelope Co. ....	48.98	General Fireproofing Co. ....	32.00
Total.....	511.78	Graham Company, A. B. ....	94.00
<i>Miscellaneous supplies, etc.</i>		Grinnell, Joseph. ....	6.50
Abby, Warren. ....	7.00	Gross, Alfred O. ....	8.60
Abercrombie & Fitch Co. ....	12.20	Haynes, F. J. ....	1.45
Acme Repair and Bicycle. ....	.75	Helskell & Co., P. H., jr. ....	14.75
American Entomological Co. ....	36.65	Helme, A. H. ....	2.05
Art Engraving Company. ....	1.50	Henshaw & Co., J. T. ....	3.00
Art Metal Construction Co. ....	616.90	Hersey, L. J. ....	1.00
Barber & Ross. ....	9.50	Hinds, W. E. ....	1.50
Betzold Bros. ....	23.75	Hoen & Co., A. ....	10.00
Birdseye, Clarence. ....	1.45	Holtzer-Cabot Electric Co. ....	65.90
Bradford, Harry B. ....	40.00	Hotchkiss, Henry H. ....	1.55
Brugnere & Eisen. ....	14.50	Jackson, H. H. T. ....	1.50
Capital Traction Company. ....	15.00	Jenks, W. S. ....	1.50
Church & Stephenson. ....	70.96	Jones Paper Box Co., Jessie. ....	9.70
Clark Company, Arthur H. ....	1.50	Joplin, Andrew. ....	25.03
Clason Map Company. ....	5.00	Joyce Engraving Co., The Maurice. ....	18.00
Curry, Frank. ....	8.00	Kann, Sons & Co., S. ....	1.74
Dice, Lee R. ....	1.35	Kempf, Jacob. ....	2.65
		Kinney, N. L. ....	16.20
		Kneesi's Sons, K. ....	14.00
		Koernicke, Annie I. ....	3.57
		Lambie Co. (Incorporated), Jas. B. ....	10.63
		Library of Congress. ....	4.61

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Biological investigations, 1908, \$44,420"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Express.</i>	
Lilly, B. V.....	\$3.00	Adams Express Co.....	\$211.71
May Hardware Co., F. P.....	49.90	United States Express Co.....	36.88
Meeker, Jesse Co.....	2.05		
Metz, Chas. W.....	7.35	Total.....	248.59
Monarch Typewriter Co.....	80.00		
Morita, Koko.....	16.00	<i>Telegraph.</i>	
Muth & Co., Geo. F.....	4.00		
National Electrical Supply Co.....	22.00	Postal Telegraph-Cable Co.....	16.40
Osburn, Pingree.....	9.05	Western Union Telegraph Co.....	46.31
Peabody, P. B.....	2.20		
Peterson, Andrew.....	4.50	Total.....	62.71
Randolph Paper Box Co.....	52.25		
Remington Typewriter Co.....	82.10	<i>Telephone.</i>	
Richardson, C. H., jr.....	37.45		
Richardson, Ethel M.....	6.60	Chesapeake and Potomac Telephone	
Rudolph & West Co.....	3.13	Co.....	16.31
Rungins, C.....	70.00		
Schiller, Daniel.....	1.00	<i>Apparatus, instruments, and laboratory</i>	
Sikola, Wm.....	5.00	<i>material.</i>	
Simplex Electric Heating Co.....	4.30		
Smith, C. H.....	44.00	Bausch & Lomb Optical Co.....	46.70
Snyder, W. E.....	12.75	Gilman, Z. D.....	3.00
Somerville Co., Thos.....	2.65	Green, Henry J.....	2.00
Southern Printers' Supply Co.....	2.95	Hirsch & Kaiser.....	78.25
Stringer Storage Co.....	7.50	Leese, M. A.....	1.20
Taverner, P. A.....	21.30	Mackall Bros.....	20.13
Todd, W. E. Clyde.....	6.35	Pullman, E. J.....	122.09
Topham, Jas. S.....	9.80	Sheetz, W. Silas.....	8.03
Wagner, Wm.....	17.85	Taylor, Taylor & Hobson (Limited)...	49.20
Weber, J. A.....	15.15		
Wilder, H. E.....	27.50	Total.....	330.60
Wilkinson, J. J.....	3.65		
Woodward & Lothrop.....	.63	<i>Travel, station and field expenses.</i>	
Yost, J. L.....	4.00		
Total.....	2,452.11	Bailey, Vernon.....	651.74
<i>Furniture.</i>		Beal, F. E. L.....	5.00
		Brewster, C. E.....	44.80
Commercial Supply Co.....	43.00	Cary, Merritt.....	506.28
Hoeke, W. H.....	62.80	Fisher, A. K.....	55.25
Library Bureau.....	18.00	Goldman, E. A.....	667.73
Lincoln, Fred T.....	119.10	Howell, A. H.....	226.50
Moses & Sons, W. B.....	48.82	Lantz, D. E.....	20.00
Woodward & Lothrop.....	101.95	Merriam, C. Hart.....	1,198.47
Yawman & Erbe Manufacturing Co.....	9.50	Nelson, E. W.....	28.65
Total.....	408.17	Oberholser, H. C.....	6.00
<i>Freight.</i>		Oldys, Henry.....	4.49
		Osgood, W. H.....	234.09
Skillman, D. F.....	3.50	Palmer, T. S.....	550.20
		Piper, Stanley E.....	800.44
		Preble, E. A.....	26.83
		Total.....	5,026.47
Total amount of appropriation.....		\$44,420.00	
Total expenditures under above groups.....		44,113.04	
Unexpended balance.....		306.96	

## BUREAU OF BIOLOGICAL SURVEY—Continued.

## RECAPITULATION

Statutory salaries.....	\$7,574.44
Lump-fund salaries in Washington.....	28,180.24
Lump-fund salaries outside of Washington.....	6,872.56
Stationery.....	511.78
Miscellaneous supplies and services, equipment, books, machinery, etc.....	2,452.11
Furniture.....	408.17
Freight.....	3.50
Express.....	248.59
Telegraph.....	62.71
Telephone.....	16.31
Apparatus, instruments, and laboratory material.....	330.60
Travel and station and field expenses.....	5,026.47
Total for entire Bureau of Biological Survey.....	51,687.48
Total amount of appropriations.....	52,000.00
Total expenditures under above groups.....	51,687.48
Unexpended balance on September 30, 1908.....	312.52
Outstanding liabilities (estimated).....	77.61
Balance to be turned back in Treasury (estimated).....	234.91

## PROJECTS.

The principal projects conducted by the Bureau of Biological Survey during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

No. 1. Preparation of reports and maps of life and crop zones.....	\$6,897.23
No. 2. Biological survey of California.....	3,866.39
No. 3. Biological survey of New Mexico.....	No charge.
No. 4. Biological survey of Colorado.....	1,606.23
No. 9. Food habits of birds.....	2,841.65
No. 10. Relation of birds to cotton boll weevil.....	601.50
No. 11. Food habits of California birds with reference to fruit industry..	1,200.00
No. 13. Food of land game birds.....	No charge.
No. 14. Food of aquatic game birds.....	No charge.
No. 16. Bird migration.....	750.00
No. 17. Relations of mammals to agriculture.....	2,175.50
No. 19. Importation of mammals, birds, and of birds' eggs.....	870.00
No. 20. Publication concerning game birds.....	2,100.00
No. 21. Protection of game and birds.....	2,519.00
No. 22. Warden service in reservations and game refuges.....	54.00
No. 23. Protection of game in Alaska.....	300.00
No. 24. Destruction of ground squirrels, including study of bacterial diseases.....	949.34
No. 25. Relation of wolves to stock raising.....	300.00
No. 26. Investigation of fox farming.....	748.59
No. 28. Administration.....	9,571.00
No. 31. Destruction of field mice.....	879.20
No. 32. Relation of woodpeckers to forestry and agriculture.....	1,200.00

## DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Division of Accounts and Disbursements, 1908, \$41,790."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Zappone, A.	Chief of division and disbursing clerk, at \$2,750.	\$2,750.00	\$2.70
Calvert, E. B.	Assistant chief of division, at \$2,500.	2,500.00	519.69
Yerby, E. D.	Cashier and chief clerk, at \$2,000.	2,000.00	
Fagan, M. E.	Auditor, at \$2,000.	1,800.00	110.30
Smith, A. W.	Clerk, class 4.	2,000.00	
Cox, F. C.	Clerk, class 3.	1,600.00	
Jones, W. W.	do.	1,600.00	
Legge, F. W.	do.	1,600.00	
Montgomery, Anna.	do.	1,600.00	
Nevius, W. J.	do.	1,600.00	
Forbes, E. E.	Clerk, class 2.	1,400.00	
Gould, E. D.	do.	1,400.00	
Harrington, L. F.	do.	1,400.00	
Hubbard, N. S. B.	do.	1,400.00	
McCutchen, M.	do.	1,400.00	
Quinn, P. H.	do.	1,400.00	
Wagner, F. H.	do.	1,400.00	
Berryhill, M. B.	Clerk, class 1.	1,083.33	
Cunningham, S. H.	do.	116.67	
Dodson, B. M.	do.	1,200.00	
Haskell, Sadia.	do.	1,200.00	
Dykes, J. W.	Clerk, at \$1,000.	1,000.00	
Handy, R. B., jr.	do.	1,000.00	
Springer, J. F.	do.	1,000.00	
Martin, F. R.	Clerk, at \$900.	900.00	
Cooksey, H. B.	Clerk, at \$840.	840.00	
Potter, B. M.	do.	179.67	
Shuck, W. L.	do.	660.33	
Hollingshead, J. S.	Clerk, at \$720.	42.00	
Lourim, J. D.	do.	566.00	
Shuck, W. L.	do.	90.00	
Medley, T. C.	do.	720.00	
Sexton, M. A.	do.	720.00	
Murray, W. A.	Custodian of records and files, at \$1,000.	1,000.00	
Walker, S. B.	Messenger, at \$600.	600.00	

Total amount of appropriation	\$41,790.00
Total amount paid for salaries	41,768.00

Unexpended balance	22.00
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## DIVISION OF PUBLICATIONS.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Division of Publications, 1908, \$126,550."

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Hill, Geo. Wm.	Editor and chief, at \$3,000.	\$3,000.00	
Arnold, Joseph A.	Editor and assistant chief, at \$2,250.	2,250.00	
Stallings, B. D.	Associate editor, at \$2,000.	2,000.00	
Greathouse, C. H.	Assistant in charge of indexing, at \$1,800.	1,800.00	
Cornman, Ephraim.	Assistant editor, at \$1,600.	1,600.00	
Harding, W. F.	do.	1,600.00	
Kennedy, G. W.	do.	1,600.00	
Thornton, S. Edwin.	do.	1,600.00	
Searles, Stanley.	Editorial clerk, at \$1,400.	859.45	
Williams, L. S.	Assistant in charge of illustration, at \$2,000.	2,000.00	\$248.94
Boettcher, A. B.	Draftsman, at \$1,500.	1,500.00	46.05

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Division of Publications, 1908, \$126,550"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Baker, J. N.....	Draftsman, at \$1,400.....	\$470. 55	
Blanchard, F. W. S.....	do.....	929. 45	
Stevenson, J. H.....	do.....	1, 400. 00	
Blanchard, F. W. S.....	Draftsman, at \$1,200.....	403. 33	
Olszewski, Leopold.....	do.....	590. 00	
Mudd, A. I.....	Chief clerk, at \$1,800.....	1, 800. 00	
Bracey, C. E.....	Clerk, class 1.....	1, 200. 00	
Chapman, Harriet B.....	do.....	1, 200. 00	
Clark, Blanche B.....	do.....	1, 200. 00	
Nichols, I. J.....	do.....	1, 200. 00	
Stoddart, M. C.....	do.....	1, 120. 00	
Barnum, Mary E.....	Clerk, at \$1,000.....	1, 000. 00	
Bryan, Emily F.....	do.....	194. 44	
Murray, Anne R.....	do.....	805. 56	
Goodchild, M. A.....	do.....	1, 000. 00	
Lawson, Laura B.....	do.....	1, 000. 00	
Merriam, Lucy R.....	do.....	1, 000. 00	
Plant, Catherine T.....	do.....	1, 000. 00	
Strong, Blanche.....	do.....	1, 000. 00	
Handy, R. B.....	Assistant in charge of document section, at \$2,000.....	2, 000. 00	
Cleary, F. J. P.....	Assistant in document section, at \$1,400.....	1, 400. 00	
Riley, John O.....	Assistant in document section, at \$1,200.....	1, 200. 00	
Hendrix, J. H.....	Foreman in document section, at \$1,400.....	1, 400. 00	
Walter, H. S.....	Foreman, Farmers' Bulletin distribution, at \$1,200.....	1, 200. 00	
Edwards, M. E.....	Forewoman, at \$1,200.....	1, 200. 00	
Thorn, M. E.....	do.....	1, 200. 00	
Lawlor, L. D.....	Chief folder, at \$1,000.....	1, 000. 00	
King, Geo. W.....	Folder, at \$900.....	827. 50	
Buckley, Margaret.....	Folder, at \$840.....	840. 00	
Gordon, William.....	do.....	840. 00	
Parker, Annie.....	do.....	823. 67	
Tull, Ava J.....	Clerk, at \$900.....	877. 50	
Burlingame, Sarah A.....	Clerk, at \$840.....	840. 00	
Carpenter, Stella L.....	do.....	791. 00	
Nelson, Ella M.....	do.....	49. 00	
Duke, A. L.....	do.....	840. 00	
Murray, Anne R.....	do.....	163. 33	
Saunders, Catharine.....	do.....	674. 34	
Myer, Alice.....	do.....	807. 33	
Smith, Mary A. E.....	do.....	840. 00	
Whittemore, Sarah A.....	do.....	795. 67	
Bane, Philena M.....	Clerk, at \$720.....	720. 00	
Barber, Fannie C.....	do.....	720. 00	
Bowman, Grace L.....	do.....	720. 00	
Burns, Gertrude J.....	do.....	291. 00	
Chase, Florence A.....	do.....	376. 00	
Daniels, M. A.....	do.....	720. 00	
Drayton, Hester E.....	do.....	580. 00	
Saunders, Catherine.....	do.....	140. 00	
Drennon, L. E.....	do.....	684. 00	
Dunford, Annie.....	do.....	720. 00	
Espita, Mamie.....	do.....	718. 00	
Galloway, Maud P.....	do.....	720. 00	
Gardner, L. A.....	do.....	682. 00	
Haas, C. B.....	do.....	720. 00	
Hayes, Rose A.....	do.....	720. 00	
Kammerer, M. M.....	do.....	720. 00	
King, Minnesota J.....	do.....	720. 00	
Moore, E. D.....	do.....	720. 00	
Moseley, M. M.....	do.....	720. 00	
Mulholland, M. B.....	do.....	720. 00	
Nelson, Ella M.....	do.....	678. 00	
Wheelan, F. M.....	do.....	42. 00	
Owens, Maude.....	do.....	720. 00	
Penfield, Cora A.....	do.....	720. 00	
Powell, Emily.....	do.....	720. 00	
Price, Almira.....	do.....	720. 00	
Rahn, M. B.....	do.....	702. 00	
Roe, Ida M. B.....	do.....	720. 00	
Ross, Matilda.....	do.....	720. 00	
Thode, Joachim.....	do.....	720. 00	

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Division of Publications, 1908, \$126,550"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Willson, A. R. ....	Clerk, at \$720. ....	\$682.00	
Wright, M. H. ....	do. ....	668.00	
Anderson, Charles. ....	Clerk, at \$600. ....	50.00	
Westlake, B. E. ....	do. ....	550.00	
Armstrong, Marian. ....	do. ....	600.00	
Asquith, Bertha W. ....	do. ....	48.33	
Gibbs, Geneva. ....	do. ....	275.00	
Taylor, A. Robena. ....	do. ....	255.00	
Buffington, B. C. ....	do. ....	600.00	
Calhoun, Katherine B. ....	do. ....	425.00	
Hurd, Eva. ....	do. ....	200.00	
Carraway, Lucie C. ....	do. ....	600.00	
Connell, L. ....	do. ....	271.66	
Crawford, Margaret. ....	do. ....	48.33	
McCargar, Gertrude. ....	do. ....	150.00	
O'Neill, Rosalie D. ....	do. ....	48.33	
Connor, J. A. ....	do. ....	286.67	
Flood, Ida L. ....	do. ....	41.67	
Urner, Mary N. ....	do. ....	41.67	
Watson, Edith H. ....	do. ....	173.33	
Darby, Lottie L. ....	do. ....	41.67	
Johnson, Willette M. ....	do. ....	370.00	
Igoe, Celestine. ....	do. ....	98.33	
Temple, Susan B. ....	do. ....	61.67	
Davis, Carrie M. ....	do. ....	66.67	
McNerhany, G. M. ....	do. ....	50.00	
Ourand, Myra E. ....	do. ....	50.00	
Warren, Belle D. ....	do. ....	300.00	
Duffy, Winifred. ....	do. ....	600.00	
Derbyshire, Florence E. ....	do. ....	543.33	
Hurst, Mabel. ....	do. ....	50.00	
Drayton, Hester E. ....	do. ....	116.67	
Goldsmith, Bennie H. ....	do. ....	483.33	
Duvall, Helen L. ....	do. ....	20.00	
Wheelan, F. M. ....	do. ....	563.33	
Echtermann, Alma. ....	do. ....	600.00	
Felder, Zuleika. ....	do. ....	300.00	
Gittings, Nellie B. ....	do. ....	215.00	
Gulick, Jane C. ....	do. ....	48.33	
Hicks, Jennie M. ....	do. ....	286.67	
Parkinson, G. E. ....	do. ....	240.00	
Keating, Catherine G. ....	do. ....	528.33	
Kennon, G. G. ....	do. ....	585.00	
Mack, Ella S. ....	do. ....	566.66	
Miller, S. J. ....	do. ....	570.84	
Murphy, C. L. ....	do. ....	118.33	
Roche, Annie E. ....	do. ....	50.00	
Wulfert, M. A. ....	do. ....	400.00	
Reece, Viola E. ....	do. ....	600.00	
Rice, Nellie. ....	do. ....	600.00	
Riggles, Bertha M. ....	do. ....	50.00	
Rozzelle, Keith K. ....	do. ....	121.67	
Welborn, Ella. ....	do. ....	425.00	
Rumbaugh, Bessie G. ....	do. ....	493.33	
Spalding, Katherine O. ....	do. ....	600.00	
Sullivan, Helen C. ....	do. ....	598.33	
Sutton, Virginia. ....	do. ....	600.00	
Thompson, Augusta H. ....	do. ....	600.00	
Thorpe, Jeannette A. ....	do. ....	595.00	
Wood, Sadie S. ....	do. ....	600.00	
Clime, Winfield S. ....	Photographer, at \$1,200. ....	1,200.00	\$36.88
Bullock, Julia E. ....	Assistant photographer, at \$840. ....	840.00	
Fowler, Lorena C. ....	Skilled laborer, at \$720. ....	720.00	
Martin, E. L. ....	do. ....	720.00	
Poff, Matt. ....	do. ....	720.00	
Smith, Ida G. ....	do. ....	720.00	
Towers, C. W. ....	do. ....	720.00	
Wanstall, Harriet. ....	do. ....	704.00	
Williams, H. H. ....	do. ....	720.00	
Young, Wm. H. ....	do. ....	720.00	
Adams, Jacob. ....	Skilled laborer, at \$600. ....	555.00	
Apperson, M. L. ....	do. ....	596.66	

## DIVISION OF PUBLICATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Salaries, Division of Publications, 1908, \$126,550"—Continued.*

## STATUTORY SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Augur, Laura.....	Skilled laborer, at \$600.....	\$591.66	
Barbour, Wm. H.....	do.....	306.67	
Buenhe, August.....	do.....	16.67	
Ray, George E.....	do.....	226.66	
Danforth, L. V.....	do.....	600.00	
Emery, M. E.....	do.....	600.00	
Gill, A. B.....	do.....	600.00	
Grant, C. C.....	do.....	600.00	
Hemingway, Mary K.....	do.....	600.00	
Herrity, Marie A.....	do.....	15.00	
Laird, E. A.....	do.....	503.33	
Lerutand, Louise G.....	do.....	65.00	
Hoey, Jennie G.....	do.....	600.00	
Jones, Vester S.....	do.....	548.33	
Lewis, Ida J.....	do.....	190.00	
Locke, Louisa K.....	do.....	350.00	
Mulvehill, Elizabeth.....	do.....	600.00	
Posey, Kate.....	do.....	600.00	
Roby, Hattie.....	do.....	591.67	
Trudeau, E. L.....	do.....	600.00	
Turner, Amelia.....	do.....	600.00	
Twomey, John M.....	do.....	600.00	
Vrooman, Minnie S.....	do.....	600.00	
Payne, Chas. E.....	Messenger, at \$840.....	840.00	
Peck, Gerald E.....	Messenger, at \$720.....	720.00	
Pfunder, Wm.....	do.....	720.00	
Quinn, Maggie.....	do.....	720.00	
Carter, Joseph C.....	Messenger, at \$600.....	600.00	
Long, Michael.....	do.....	600.00	
Mee, Homer.....	do.....	600.00	
Key, Richard C.....	Messenger, at \$420.....	180.83	
Moore, L. W.....	do.....	235.67	
MacFate, Joseph W.....	do.....	420.00	
Bailey, Chas. G. G.....	Messenger boy, at \$360.....	264.00	
Moore, L. W.....	do.....	66.00	
Mudd, George W.....	do.....	30.00	
Angelo, F. M.....	Fireman, at \$720.....	720.00	

Total amount of appropriation..... \$126,550.00

Total amount paid for salaries..... 124,304.75

Unexpended balance..... 2,245.25

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Publications, Department of Agriculture, 1908, \$35,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Olszewski, Leopold.....	Draftsman, at \$1,200.....	\$433.33	
Beeson, Loring W.....	Assistant photographer, at \$840 and \$1,000.....	695.01	
Arnold, Mary D.....	Assistant, at \$720.....	720.00	
Lewis, Ella.....	Clerk, at \$840.....	3.33	
Johnson, Willette M.....	Clerk, at \$1.50 per diem.....	84.00	
Griffin, Milton R.....	Classified laborer, at \$720.....	720.00	
Bayne, Patterson.....	Skilled laborer, at \$840.....	840.00	
Sherwood, Benjamin R.....	do.....	840.00	
Boernstein, Sig. G.....	Skilled laborer, at \$2.50 per diem, \$720 and \$840.....	735.00	
O'Neill, John J.....	Skilled laborer, at \$720.....	720.00	

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Publications, Department of Agriculture, 1908, \$35,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Cont'd.</i>			
Snyder, Frank.....	Skilled laborer at \$720.....	\$680.00	
Key, Mary T.....	Skilled laborer, at \$600.....	483.34	
Laird, E. A.....	do.....	88.33	
Lieutand, Louise G.....	do.....	248.33	
Noah, Louisa.....	do.....	600.00	
Bailey, Elizabeth.....	Skilled laborer, at \$1.50 per diem.....	9.00	
Bohlayer, Bernadette C.....	do.....	9.00	
Burgess, Edward.....	do.....	167.25	
Buscher, Maggie.....	do.....	7.50	
Butler, Benj. W.....	do.....	43.50	
Collins, Robt. E.....	do.....	149.25	
Flynn, Della A.....	do.....	9.00	
Graham, Frank.....	do.....	55.50	
Hawkins, Clarence D. R.....	do.....	24.75	
Hope, Edna.....	do.....	35.25	
Johnson, Annie E.....	do.....	7.50	
Johnson, Ludwell L.....	do.....	57.00	
Johnson, Mack C.....	do.....	52.50	
Little, Peter P.....	do.....	93.75	
Miner, Harriet N.....	do.....	34.50	
Montgomery, Nellie G.....	do.....	7.50	
Pyles, Edith M.....	do.....	46.50	
Rowan, Jno. F.....	do.....	156.75	
Scantlebury, E. V. R.....	do.....	38.25	
Smith, Elijah.....	do.....	45.00	
Smith, Thos. E.....	do.....	57.00	
Townsend, Florence.....	do.....	79.50	
Williams, Jennie E.....	do.....	35.25	
Sinclair, H. T.....	Laborer, at \$600.....	660.00	
Schaney, Edward.....	Laborer, at \$600.....	600.00	
Contee, Clarence.....	Laborer, at \$480.....	480.00	
Deakins, W. F.....	Messenger, at \$840.....	840.00	
Munro, James.....	do.....	840.00	
Phillips, C. E.....	Messenger, at \$720.....	720.00	
McGrath, Gerald G.....	Messenger boy, at \$480.....	480.00	
Higgins, Hugh.....	Messenger boy, at \$420.....	420.00	
Tomlin, Robert M.....	do.....	420.00	
Cullinan, Thos. L.....	Messenger boy, at \$360.....	180.00	
Espey, Francis H.....	do.....	57.00	
Moore, Laurence W.....	do.....	92.00	
Towles, John G.....	do.....	47.00	
Martin, Benjamin.....	Watchman, at \$840.....	840.00	
Broadus, Charity.....	Charwoman, at \$480.....	204.00	
Buchanan, Maggie.....	Charwoman, at \$480 and \$240.....	60.00	
Meredith, Elizabeth.....	Charwoman, at \$480.....	480.00	
Bruce, Fannie E.....	Charwoman, at \$240.....	136.00	
Dickson, Cornelia.....	do.....	240.00	
Dyer, Hattie O.....	Charwoman, at \$240 and \$480.....	280.00	
Marshall, Rebecca.....	Charwoman, at \$240.....	131.34	
Ross, Lillian.....	Charwoman, at \$240 and \$480.....	280.00	
Total.....		17,605.01	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Publications, Department of Agriculture, 1908, \$35,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Stationery—Continued.</i>	
Albemarle Paper Manufacturing Co...	\$60.00	Dick Co., A. B.....	\$10.00
Andrews Paper Co., R. P.....	271.74	Lamb & Tilden.....	44.08
Ballantyne, R. Carter.....	193.17	Library Bureau.....	30.00
Contingent expenses, Department of		Parker, D. Frank.....	54.00
Agriculture.....	468.51	Schmidt, Fred A.....	121.50
Davison & Co., H. C.....	18.00	Swayze, W. L.....	204.09

## DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Publications, Department of Agriculture, 1908, \$35,000"—Continued.

Name.	Amount	Name.	Amount.
<i>Stationery—Continued.</i>		<i>Freight.</i>	
Union Envelope Co.....	\$24.98	Knox Express Co., The Geo. W.....	\$0.75
United States Envelope Co.....	6,036.11	Norfolk & Washington, D. C., Steam- boat Co.....	.98
Yawman & Erbe Manufacturing Co...	17.10	Pennsylvania Railroad Co.....	1.08
Total.....	7,553.28	Total.....	2.81
<i>Miscellaneous supplies, etc.</i>		<i>Express.</i>	
Barker & Kelly.....	46.25	Adams Express Co.....	7.00
Becker, C.....	24.50	United States Express Co.....	1.50
Brownell, R. E.....	12.65	Total.....	8.50
Capital Paper Box Co.....	55.00	<i>Telegraph.</i>	
Church & Stephenson.....	85.08	Postal Telegraph-Cable Co.....	1.05
Dick Company, A. B.....	1.56	Western Union Telegraph Co.....	.94
Du Perow, M.....	21.34	Total.....	1.99
Dyer, Wm. H.....	2.25	<i>Telephone.</i>	
Elliott Company.....	315.91	Chesapeake and Potomac Telephone Co.....	47.61
Ennis & Son, Geo. T.....	.90	<i>Rent.</i>	
Ergood Co., The J. C.....	9.50	Allen, Wm. H. H. and C. W. Ricketts..	5,000.01
Espey, John B.....	1.41	Washington Safe Deposit Co. (Incor- porated).....	60.00
Forker & Co., C. A.....	3.90	Total.....	5,060.01
Heiskell & Co., P. H., Jr.....	1.50	<i>Gas and electricity.</i>	
Houck, S. D.....	5.00	Potomac Electric Power Co.....	683.35
Joyce Engraving Co., The Maurice.....	3.43	Washington Gas Light Co.....	98.80
Keystone Blue Paper Co.....	10.15	Total.....	782.15
Koernicke, Annie I.....	2.98	<i>Apparatus, instruments, and laboratory material.</i>	
Lambie & Co. (Incorporated), Jas. B.....	12.05	Century Camera Div., E. K. Co.....	2.00
Lansburgh & Bro.....	7.90	Columbia Photographic Supply Co....	46.38
Muddiman & Co., C. A.....	9.00	Eastman Kodak Co.....	84.55
Murphy Co. (Incorporated), E. J.....	.40	Gilman, Z. D.....	7.72
Muth & Co., Geo. F.....	88.06	Leese, M. A.....	8.05
National Electric Supply Co.....	21.89	Mackall Bros.....	151.12
Nawrath, J. P.....	234.14	Meier Co., George.....	240.00
New York Cycle Co.....	100.00	Pullman, E. J.....	858.71
Oliver Typewriter Co.....	72.90	Sheetz, W. Silas.....	4.00
Palais Royal.....	22.50	Torsion Balance Co.....	5.25
Peerless Electric Co.....	19.75	Total.....	1,407.78
Pillsbury, H. P.....	1.50	<i>Furniture.</i>	
Remington Typewriter Co.....	252.00	Hoeke, W. H.....	32.90
Rudolph & West Co.....	73.26	Lansburgh Furniture and Carpet Co...	9.67
Seamark, Harry F.....	19.05	Library Bureau.....	72.75
Sloane (Incorporated), W. & J.....	21.90	Moses & Sons, W. B.....	127.15
Smith, G. W.....	2.60	Woodward & Lothrop.....	103.94
Southern Printers' Supply Co.....	1.90	Yawman & Erbe Manufacturing Co...	75.25
Thompson, C. W.....	34.96	Total.....	421.66
Topham, James S.....	.50		
Typewriter and Office Supply Co.....	13.00		
Underwood Typewriter Co.....	329.00		
Woodward & Lothrop.....	36.47		
Total.....	1,978.04		

Total amount of appropriation..... \$35,000.00

Total expenditures under above groups..... 34,868.84

Unexpended balance..... 131.16

## DIVISION OF PUBLICATIONS—Continued.

## RECAPITULATION.

Statutory salaries.....	\$124,304.75
Lump-fund salaries in Washington.....	17,605.01
Stationery.....	7,553.28
Miscellaneous supplies and services, equipment, books, machinery, etc.....	1,978.04
Furniture.....	421.66
Freight.....	2.81
Express.....	8.50
Telegraph.....	1.99
Telephone.....	47.61
Rent.....	5,060.01
Gas and electricity.....	782.15
Apparatus, instruments, and laboratory material.....	1,407.78
Total for entire Division of Publications.....	159,173.59
Total amount of appropriation.....	161,550.00
Total expenditures under above groups.....	159,173.59
Unexpended balance on September 30, 1908.....	2,376.41
Outstanding liabilities (estimated).....	18.49
Balance to be turned back in Treasury (estimated).....	2,357.92

## BUREAU OF STATISTICS.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Salaries, Bureau of Statistics, 1908, \$97,040."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Olmsted, V. H.....	Chief of bureau, at \$3,500.....		
Murray, Nat C.....	Assistant statistician, at \$2,200.....	\$2,200.00	\$128.12
Daugherty, Chas. M.....	Editorial assistant, at \$2,300.....	575.00	
Rutter, F. R.....	do.....	1,725.00	809.29
Jones, S. A.....	Chief clerk, at \$1,800.....	1,500.00	
Lundy, E. J.....	do.....	255.00	
Andrews, Frank.....	Clerk, class 4.....	570.00	114.16
Stone, I. W.....	do.....	1,230.00	
Blair, F. J.....	do.....	1,800.00	
Ferguson, G. R.....	do.....	1,800.00	
Graham, H. C.....	do.....	1,350.00	
Rutter, F. R.....	do.....	450.00	
Smith, R. E.....	do.....	1,800.00	
Thompson, E. S.....	do.....	1,800.00	
Andrews, Frank.....	Clerk, class 3.....	1,093.23	
Stone, I. W.....	do.....	506.67	
Blodgett, J. H.....	do.....	1,600.00	
Covert, J. R.....	do.....	1,600.00	
Graham, H. C.....	do.....	400.00	
Hauser, A. M.....	do.....	1,200.00	
Hammargren, E. L.....	do.....	1,600.00	
Leith, C. A.....	do.....	1,600.00	
Snedes, H. R.....	do.....	1,600.00	
Smith, Middleton.....	do.....	1,600.00	
Stier, D. W.....	do.....	1,600.00	
Cooney, F. C.....	Clerk, class 2.....	1,396.12	
Hauser, A. M.....	do.....	350.00	
York, A. B.....	do.....	972.22	
Latham, E. G.....	do.....	1,400.00	
McKenna, R. T.....	do.....	1,283.34	
Reynolds, F. A.....	do.....	38.89	
O'Donoghue, Clara.....	do.....	1,384.44	
Pepper, J. G.....	do.....	1,400.00	
Quinn, E. H.....	do.....	1,400.00	
Rothrock, Leulah.....	do.....	1,341.67	
Safford, M. F.....	do.....	1,260.00	
Schaake, J. J.....	do.....	1,400.00	
Schmidt, Flora.....	do.....	1,400.00	
Shanahan, M. E.....	do.....	1,376.66	
Burch, Lillian.....	Clerk, at \$1,300.....	1,300.00	
Fletcher, C. P.....	do.....	1,300.00	

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Salaries, Bureau of Statistics, 1908, \$97,040"—Continued.

## STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Adams, S. G.	Clerk, class 1.	\$1,200.00	
Bowie, M. S.	do.	1,200.00	
Clark, E. L.	do.	1,150.00	
Finckel, C. B.	do.	1,200.00	
Jones, L. M.	do.	1,200.00	
Lancaster, C. M.	do.	1,200.00	
Lee, W. D.	do.	900.00	
York, A. B.	do.	300.00	
Love, A. H.	do.	1,176.68	
Skinner, Sarah.	do.	1,200.00	
Walden, Celena.	do.	1,200.00	
Wright, A. M.	do.	1,200.00	
Atwell, H. J.	Clerk, at \$1,000.	497.22	
Blankman, R. B.	do.	440.27	
Bollinger, Lewis.	do.	1,000.00	
Fisher, Gertrude.	do.	683.33	
Peabody, John.	do.	316.67	
Ingram, M. M.	do.	927.77	
King, W. M.	do.	1,000.00	
Lee, W. D.	do.	125.01	
Yonce, S. H.	do.	683.33	
Peirce, M. R.	do.	1,000.00	
Phillips, Nettie.	do.	963.90	
Wharton, V. K.	do.	963.87	
Woodward, E. G.	do.	1,000.00	
Atwell, H. J.	Clerk, at \$900.	412.50	
Bostwick, Helen M.	do.	487.50	
Elliott, Perry.	do.	285.00	
Jenkins, S. E.	do.	605.00	
Fisher, Gertrude.	do.	285.00	
Lee, W. D.	do.	112.50	
Peabody, John.	do.	502.50	
Wood, M. L.	do.	900.00	
Ballard, N. P.	Clerk, at \$840.	322.00	
Bostwick, Helen M.	do.	280.00	
Sartor, L. E.	do.	35.00	
Cavanagh, Jeannette L.	do.	735.00	
Peabody, John.	do.	105.00	
Connor, R. L.	do.	809.68	
Noah, Esther.	do.	835.34	
Alexander, S. C.	Clerk, at \$720.	720.00	
Babbitt, George H.	do.	548.00	
Ballard, N. P.	do.	450.00	
Cannon, S. P.	do.	360.00	
Bell, Florence.	do.	720.00	
Blanford, Eli M.	do.	228.00	
Elliott, Perry.	do.	492.00	
Bostwick, Helen M.	do.	90.00	
Michaels, M. M.	do.	630.00	
Cavanagh, Jeannette L.	do.	90.00	
Fitch, William R.	do.	390.00	
Raymond, M. J.	do.	240.00	
Collins, F. P.	do.	678.00	
Eaton, C. E.	do.	720.00	
Lederer, B. B.	do.	594.00	
Blanford, Eli M.	Clerk, at \$600.	370.00	
Claycomb, Clinton C.	do.	560.00	
Fitch, William R.	do.	75.00	
Pray, Lloyd.	do.	275.00	
Hess, M. H.	do.	298.33	
Hilliary, M. T.	do.	148.33	
Michaels, M. M.	do.	75.00	
Murdock, W. B.	do.	275.00	
Raymond, M. J.	do.	400.00	
Brent, N. W.	Messenger, at \$840.	840.00	
Wharton, J. J.	do.	823.67	

Total amount of appropriation ..... \$97,040.00  
 Total amount paid for salaries ..... 90,988.74

Unexpended balance ..... 6,051.26

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics, 1908, \$118,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Clark, C. C.	Associate statistician, at \$2,800 and \$3,000	\$2,900.00	\$536.76
Daugherty, Chas. M.	Chief editorial division and library, at \$2,300 and \$2,500.	1,825.00	
Peters, E. T.	Compiler, at \$7 per diem	1,081.75	
Masius, A. G.	Assistant, at \$1,200	313.33	
Barnes, Almont	Clerk, at \$1,200	1,140.01	
Gray, Helen E.	Clerk, at \$1,000	268.55	
Halsey, S. W.	Clerk and special agent, at \$840	452.67	
Sartor, L. E.	Clerk, at \$840	732.67	
Fitzgerald, Thomas A.	Plumber, at \$4 per diem	8.00	
Long, G. R.	do.	192.00	
Forbes, Evan F.	Carpenter, at \$4 per diem	100.00	
Laing, David	do.	44.00	
Sasher, Wm.	do.	100.00	
Freedman, Chas.	Carpenter, at \$3.50 per diem	21.00	
McKnew, Nathan G.	Electric wireman, at \$4 per diem	36.00	
Marean, R. L. G.	do.	32.00	
Weiskopf, Edwin J.	do.	36.00	
Bowers, Sam. B.	Painter, at \$3.50 per diem	59.50	
Carter, Alonzo	do.	59.50	
Cassell, Wm. A.	do.	45.50	
Hurdle, Chas. W.	do.	49.00	
Milstead, Robert F.	do.	52.50	
Whalen, Rufus F.	do.	49.00	
Jones, R. M.	Plumber's helper, at \$2 per diem	30.00	
McGrath, Pierce	do.	94.00	
Madigan, Thomas	Plumber's helper, at \$50 per month	50.00	
Elmore, A. L.	Laborer, and skilled laborer, at \$720	720.00	
Basford, Burnham	Laborer, at \$2 per diem	10.00	
Beckman, G. E.	Laborer, at \$720	720.00	
Clarridge, Wm. W.	Laborer, at \$2 per diem	6.00	
Cook, R. Vernon	do.	2.00	
Gibson, Thomas R.	do.	4.00	
Kennedy, Wm. J.	do.	2.00	
Knowles, Claude	do.	36.00	
Lacey, Chas. W.	do.	48.00	
Loving, Orville W., jr.	do.	14.00	
McGovern, Frank	do.	18.00	
Shreve, Edward	do.	14.00	
Sweeney, Norman C.	do.	20.00	
Walters, Charles	do.	2.00	
Welch, Joseph	do.	4.00	
Wharton, Ed. M.	do.	20.00	
Williams, Joseph	do.	4.00	
Thompson, J. H.	Watchman, at \$660	660.00	
Elwood, W. A.	Messenger, at \$600	200.00	
Marscher, J. C., jr.	Messenger boy, at \$540 and \$600	570.00	
Kiefer, C.	Messenger boy, at \$360 and \$480	360.00	
Dietz, Christine	Charwoman, at \$540	540.00	
Jones, May	do.	301.50	
Tinney, Virginia	Charwoman, at \$480	480.00	
Total		14,527.48	
<i>Out of Washington.</i>			
Creel, H. M.	Special field agent, at \$2,250	2,250.00	1,859.14
Fessenden, Stephen D.	do.	2,250.00	1,809.25
Rhoads, Halsey M.	Special field agent, at \$2,000	2,000.00	1,221.70
White, B. C.	do.	2,000.00	2,210.81
Darg, John J.	Special field agent, at \$1,800	1,800.00	1,648.44
Gray, F. N.	do.	1,800.00	1,109.75
Johnson, Herman H.	do.	1,800.00	1,074.61
Gist, F. W.	Special field agent, at \$1,600	1,599.98	1,577.07
Pinney, Frank S.	do.	1,600.00	1,704.58
Shaw, T. C.	Special field agent, at \$125 per month, \$1,600 and \$1,800	1,591.65	2,218.35
Knorr, Geo. W.	Special field agent, at \$1,400	1,399.99	1,384.45
Wallace, L. E.	Special field agent, at \$1,400 and \$1,600	1,500.00	1,236.80

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics, 1908, \$118,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Evans, De Lancey.....	Special field agent, at \$1,200.....	\$1,200.00	\$1,369.74
Rickards, J. E.....	Special agent, at \$2,000.....	1,999.97	1,374.63
Pryor, W. L.....	Special agent, at \$1,800, and special field agent, at \$2,000.....	1,866.67	1,655.08
Hitt, A. F.....	Special agent, at \$1,600.....	1,200.00	1,300.06
Killebrew, J. P.....	do.....	1,600.00	1,304.62
Peterson, W. I.....	Special agent, at \$480.....	480.00	
Bredvold, Augustus J.....	Special agent, at \$40 per month.....	40.00	
Greaves, H. A.....	do.....	320.00	
McNelly, Chester A.....	do.....	40.00	
Mayland, E.....	do.....	440.00	
Stewart, C. D.....	do.....	120.00	
Parker, E. C.....	Special agent, at \$400.....	399.96	114.62
Clifford, John E.....	Special agent, at \$20 per month.....	20.00	
Fligge, John.....	do.....	20.00	
Hauske, L. L.....	do.....	20.00	
Hefferman, Patrick.....	do.....	20.00	
Hefferman, Wm.....	do.....	20.00	
Henderson, Henry.....	do.....	20.00	
Hibbard, Fred C.....	do.....	20.00	
Holden, Wm. H.....	do.....	20.00	
Lyman, George D.....	do.....	20.00	
Muhl, Henry E.....	do.....	20.00	
Middleton, Chas. H.....	do.....	20.00	
Miller, George.....	do.....	20.00	
Moore, Daniel M.....	do.....	20.00	
Myhrvold, John.....	do.....	20.00	
Nichols, Chas. O.....	do.....	20.00	
Pederson, Lawrence W.....	do.....	20.00	
Robinson, Homer N.....	do.....	20.00	
Schroeder, E. H. F.....	do.....	20.00	
Spong, Charles J.....	do.....	20.00	
Siennes, Edward T.....	do.....	20.00	
Sulerud, Christen L.....	do.....	20.00	
Taylor, Chas. E.....	do.....	20.00	
Johnson, Jefferson.....	State statistical agent, at \$1,100.....	1,100.00	410.25
Anderson, Thos. J.....	State statistical agent, at \$900.....	900.00	50.06
Cownie, John.....	do.....	900.00	71.90
Duncan, W. C.....	do.....	900.00	119.62
Harwood, Sarah K.....	do.....	900.00	103.19
Dawley, F. E.....	State statistical agent, at \$800.....	800.00	
McCall, A. G.....	do.....	800.00	227.05
Moulton, L. T.....	do.....	800.00	139.85
Northern, W. J.....	do.....	800.00	149.84
Rogers, P. A.....	do.....	800.00	84.60
Whitmore, Wm. G.....	do.....	800.00	
Boardman, C. D.....	State statistical agent, at \$750 and \$800.....	762.50	116.88
Knapp, S. Arthur.....	State statistical agent, at \$720.....	192.00	
Legueneec, J. R.....	do.....	210.00	44.40
Mayo, A. M.....	do.....	318.00	
Kaufman, E. E.....	State statistical agent, at \$700 and \$900.....	839.72	536.77
Merriman, Geo. L.....	State statistical agent, at \$700.....	700.00	
Morse, Chas. H.....	do.....	700.00	247.08
Shepperd, John H.....	do.....	466.67	6.05
Scherbel, E. F.....	State statistical agent, at \$660.....	660.00	33.72
Hare, C. L.....	State statistical agent, at \$650.....	325.00	
Lane, James H.....	do.....	146.25	64.31
Lane, Lottie E.....	do.....	178.75	
Shaw, P. W.....	do.....	650.00	151.18
Allen, Chas. W.....	State statistical agent, at \$600.....	600.00	187.00
Bradford, H. T.....	State statistical agent, at \$600, and special field agent, at \$1,600.....	1,311.10	1,033.97
Corley, Jacob J.....	State statistical agent, at \$600.....	600.00	112.24
Des Granges, Henry W.....	do.....	600.00	160.10
Kolner, L. M.....	do.....	225.00	
Lundy, Elmer J.....	do.....	425.00	
Moore, Shade.....	do.....	375.00	
Sowards, Richard H.....	do.....	100.00	
Thomas, R. H., Jr.....	do.....	600.00	34.13
Todd, M. R.....	do.....	300.00	49.95

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics, 1908, \$118,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Withers, W. A.	State statistical agent, at \$600.	\$600.00	\$359.39
Stewart, R. A.	State statistical agent at \$550	550.00	102.65
Grubb, Eugene H.	State statistical agent, at \$500.	312.50	37.05
Hawley, A. M.	do.	187.49	
Hayden, James A.	do.	500.00	108.33
Kent, F. L.	do.	500.00	134.55
Perry, George W.	do.	500.00	96.75
Tatlock, E. W.	do.	500.00	24.50
Yaeger, Harry.	do.	500.00	99.10
Matthews, R. S.	State statistical agent, at \$300.	360.00	205.10
Morton, Daniel E.	do.	360.00	
Cox, John T.	State statistical agent, at \$350.	350.00	
Adams, George E.	State statistical agent, at \$300.	300.00	
Gold, Chas. L.	do.	300.00	
Howe, Elmer D.	do.	300.00	
Hutchinson, E. C.	do.	300.00	
Rosa, John J.	do.	300.00	
Vail, Homer W.	do.	300.00	
Wiggin, Edward.	do.	300.00	
Total.		59,843.20	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics, 1908, \$118,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.	\$63.52	Du Perow, M.	\$237.52
Andrews Paper Co., R. P.	181.73	Dyer, Wm. H.	17.23
Ballantyne, R. Carter.	353.38	Eastman Kodak Co.	26.78
Baumgarten Co., H.	2.00	Elliott Company.	826.00
Burroughs Adding Machine Co.	10.00	Elliott, John G.	7.50
Bushnell Co., Alvah.	6.50	Espey, J. B.	3.75
Contingent expenses, Department of		Evans, Henry.	4.25
Agriculture.	97.80	Hammond Typewriter Co.	75.80
Faber, Eberhard.	3.50	Hartig, Louis.	.45
Helwig, Harry H. R.	24.00	Hazleton, E. P.	.75
Lamb & Tilden.	42.52	Heiskell & Co., P. H., jr.	3.20
Library Bureau.	144.10	Hunter Sanitary Dust Killing Floor	—
Morrison Paper Co., E.	10.00	Oil Co., C. T.	3.00
Parker, D. Frank.	83.10	Hygienic Soap Granulated Co.	6.00
Schmidt, Fred A.	4.50	Joyce Engraving Co., The Maurice.	.50
Swayze, W. L.	284.14	Koernicke, Annie I.	.70
Swayze, Bailey & Co.	54.95	Lambie Co., James B. (Incorporated).	4.25
Union Envelope Co.	756.70	Lansburgh & Bro.	4.32
United States Envelope Co.	1,670.59	Mackall Bros.	14.55
United States Paper Goods Co.	311.00	May Hardware Co., F. P.	3.00
Yawman & Erbe Manufacturing Co.	29.00	Murphy Co., E. J. (Incorporated).	38.40
Total.	4,113.03	Muth & Co., Geo. F.	20.61
<i>Miscellaneous supplies, etc.</i>		National Electric Supply Co.	28.84
Aeme Repair and Bicycle Co.	3.75	Nawrath, J. P.	48.18
American-La France Fire Engine Co.	21.75	New York Cycle Co.	3.00
American Multigraph Sales Co.	661.35	Peerless Electric Co.	19.75
Barber & Ross.	3.85	Postmaster	209.00
Barker, Geo. M.	9.00	Post-office Department disbursing clerk.	56.00
Browning & Middleton (Incorporated).	2.75	Potomac Electric Power Co.	4.80
Burroughs Adding Machine Co.	466.26	Rand, McNally & Co.	23.00
Church & Stephenson.	56.63	Reilly, Hugh.	6.50
Clarke Co., R. P.	10.07	Remington Typewriter Co.	86.60
Clason Map Co.	15.50	Rudolph & West Co.	37.17
		Simplex Manufacturing Co., The.	150.00
		Somerville Co., Thos.	108.87

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics, 1908, \$118,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Travel and station and field expenses—Continued.</i>	
Southern Printers Supply Co.....	\$67. 10	Boardman, C. D.....	\$116. 88
Topham, James S.....	38. 00	Bradford, H. T.....	1,053. 97
Underwood Typewriter Co.....	280. 75	Clark, C. C.....	536. 76
Washington Railway and Electric Co.....	6. 00	Cooley, J. J.....	112. 24
Wiegand, Martin.....	14. 85	Cownie, Jno. S.....	71. 90
Wyne & Co., J. R.....	. 20	Creel, H. M.....	1,859. 14
Total.....	3,758. 18	Darg, Jno. J.....	1,048. 44
<i>Furniture.</i>		Desgranges, H. W.....	160. 16
Hoeke, W. H.....	31. 40	Duncan, W. C.....	119. 62
Lansburgh Furniture and Carpet Co., J.....	104. 34	Evans, De Lancey.....	1,369. 74
Library Bureau.....	14. 50	Fessenden, S. D.....	1,809. 25
Lincoln, Fred S.....	484. 00	Gist, F. W.....	1,577. 07
Moses & Sons, W. B.....	364. 70	Gray, F. W.....	1,100. 75
Woodward & Lothrop.....	52. 19	Grubb, Eugene H.....	37. 05
Total.....	1,051. 13	Harwood, S. K.....	103. 19
<i>Freight.</i>		Hayden, J. A.....	108. 33
Knox Express Co., The Geo. W.....	. 75	Hitt, A. F.....	1,300. 06
Morgan's La. and Tex. R. R. and S. S. Co.....	. 95	Johnson, H. H.....	1,074. 61
Pennsylvania Railroad Co.....	. 42	Johnson, Jefferson.....	410. 25
Total.....	2. 12	Kaufman, E. E.....	556. 77
<i>Express.</i>		Kent, F. L.....	134. 55
Adams Express Co.....	4. 08	Killebrew, J. P.....	1,304. 62
United States Express Co.....	4. 48	Knapp, S. Arthur.....	103. 80
Total.....	8. 56	Knorr, G. W.....	1,384. 45
<i>Telegraph.</i>		Lane, James H.....	64. 31
Postal Telegraph-Cable Co.....	35. 54	Leguenec, J. R.....	44. 40
Western Union Telegraph Co.....	507. 54	McCall, A. G.....	227. 05
Total.....	543. 08	Matthews, Reuben S.....	205. 10
<i>Telephone.</i>		Morse, Chas. H.....	247. 08
Chesapeake and Potomac Telephone Co.....	\$17. 84	Moulton, L. T.....	159. 85
<i>Travel and station and field expenses.</i>		Murray, Nat. C.....	128. 12
Allen, C. W.....	187. 00	Northern, W. J.....	149. 84
Anderson, T. J.....	50. 06	Perry, Geo. W.....	96. 75
Andrews, Frank.....	114. 16	Pinney, F. S.....	1,704. 58
		Pryor, W. L.....	1,655. 08
		Rhoads, H. M.....	1,221. 70
		Rickards, J. E.....	374. 63
		Rogers, P. A.....	84. 60
		Rutter, Frank R.....	329. 77
		Scherbel, E. F.....	53. 72
		Shaw, P. W.....	131. 18
		Shaw, T. C.....	2,216. 10
		Shepperd, J. H.....	6. 05
		Stewart, R. A.....	102. 65
		Tatlock, E. W.....	24. 50
		Thomas, R. H., jr.....	34. 13
		Todd, McKenzie R.....	49. 95
		Wallace, L. E.....	1,226. 80
		White, B. C.....	2,210. 81
		Withers, W. A.....	359. 39
		Yaeger, Harry.....	99. 10
		Total.....	31,562. 00
Total amount of appropriation.....	\$118,000. 00		
Total expenditures under above groups.....	115,426. 62		
Unexpended balance.....	2,573. 38		
Repayment to credit of appropriation.....	1. 65		
Net unexpended balance.....	2,575. 03		

## BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics (foreign markets), \$4,900."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Holmes, G. K. ....	Chief foreign markets, at \$2,750 and \$3,000 .....	\$2,875. 00	.....
Masuls, A. G. ....	Assistant, at \$5 per diem .....	702. 50	.....
Lee, B. E. ....	Charwoman, at \$480. ....	480. 00	.....
Total .....	.....	4,057. 50	.....

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Collecting agricultural statistics (foreign markets), \$4,900."

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Travel and station and field expenses.</i>	
Burroughs Adding Machine Co. ....	\$168. 00	Rutter, Frank R. ....	\$479. 52

Total amount of appropriation .....	\$4,900. 00
Total expenditures under above groups .....	4,705. 02
Unexpended balance .....	194. 98

## RECAPITULATION.

Statutory salaries .....	\$90,988. 74
Lump-fund salaries in Washington .....	18,584. 98
Lump-fund salaries outside of Washington .....	59,843. 20
Stationery .....	4,113. 03
Miscellaneous supplies and services, equipment, tools, machinery, etc. ....	3,926. 18
Furniture .....	1,051. 13
Freight .....	2. 12
Express .....	8. 56
Telegraph .....	543. 08
Telephone .....	17. 84
Travel and station and field expenses .....	32,041. 52
Total for entire Bureau of Statistics .....	211,120. 38
Total amount of appropriations .....	219,940. 00
Total expenditures under above groups .....	211,110. 38
Unexpended balance on September 30, 1908 .....	\$ 819. 62
Repayments to credit of appropriations .....	1. 65
Net unexpended balance on September 30, 1908 .....	8,821. 27
Outstanding liabilities (estimated) .....	2,461. 24
Balance to be turned back in Treasury (estimated) .....	6,360. 05

## BUREAU OF STATISTICS—Continued.

## PROJECTS.

The principal projects conducted by the Bureau of Statistics during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

## Bulletins:

No. 40 Meat animals and packing-house products imported into 11 principal countries, 1895-1904, revised to 1906.....	\$932. 67
Nos. 52 and 53. Imports and exports of farm and forest products, 1904-1906, by countries from or to which consigned.....	1, 672. 18
No. 54. Trade with noncontiguous possessions in farm and forest products, 1904-1906.....	148. 33
No. 55. Meat supply and surplus with consideration of consumption and exports.....	263. 99
No. 60. Rye crops of the United States, 1866-1906.....	61. 08
No. 61. Buckwheat crops of the United States, 1866-1906.....	55. 60
No. 62. Potato crops of the United States, 1866-1906.....	69. 01
No. 63. Hay crops of the United States, 1866-1906.....	22. 89
No. 64. Number and farm value of farm animals in the United States, 1867-1907.....	199. 39
No. 65. Russian wheat trade.....	57. 86
No. 66. Russian wheat and flour in European markets.....	264. 46
No. 67. Ocean freight rates and the conditions affecting them.....	456. 80
No. 68. Cereal production of Europe.....	368. 66
No. 69. European grain trade.....	173. 75
Cost of producing farm crops (unpublished).....	669. 95
Farm wages (unpublished).....	114. 18
Imports of farm products into the Netherlands (unpublished)...	2, 766. 41
Imports of farm products for fifty years (unpublished).....	694. 49
Imports and exports of farm and forest products for fifty years (unpublished).....	1, 359. 92
World's cotton (unpublished).....	520. 15
World's dairy products (unpublished).....	150. 01
World's wheat production (unpublished).....	1, 206. 15
Crop reports.....	167, 797. 82
Crop Reporter.....	970. 12
Yearbook of Department.....	2, 526. 51
Yearbook Appendix (Agricultural Statistics, Annual).....	2, 620. 15
Bureau library.....	5, 061. 16
Special investigations.....	6, 723. 26
Special inquiries.....	5, 433. 64
Statistics of rural schools.....	3, 189. 87
Cooperative work with Minnesota Experiment Station concerning cost of producing farm products.....	2, 658. 68
Work for other bureaus.....	4, 371. 80
Total.....	213, 580. 94

## LIBRARY.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Salaries, library, Department of Agriculture, 1908, \$15,880."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Barnett, C. R.....	Librarian, at \$2,000.....	\$2,000.00	.....
Hawks, E. B.....	Assistant librarian, at \$1,400.....	1,400.00	\$53.25
Knapp, Abbie R.....	Clerk, at \$1,200.....	1,190.00	.....
Thompson, H. M.....	Cataloguer, at \$1,200.....	1,200.00	.....
Rynex, Minnie L.....	Cataloguer, at \$1,000.....	500.00	.....
Thompson, M. F.....	do.....	500.00	.....
Sewall, M. L.....	do.....	1,000.00	.....
Upton, G. E.....	do.....	863.90	.....
Parker, Fanny L.....	Clerk, at \$900.....	825.00	.....
Upton, G. E.....	do.....	70.00	.....
Rynex, Minnie L.....	do.....	342.50	.....
Thompson, M. F.....	do.....	450.00	.....
Todd, F. W.....	do.....	105.00	.....
Sewall, Harriet W.....	do.....	112.50	.....
Smith, Florence P.....	do.....	787.50	.....
Upton, K. G.....	do.....	845.00	.....
Goss, Audrey.....	Clerk, at \$840.....	105.00	.....
Parker, Fannie L.....	do.....	70.00	.....
Sewall, Harriet W.....	do.....	525.00	.....
Warren, Mary W.....	do.....	105.00	.....
Crowther, Mary.....	Clerk, at \$720.....	480.00	.....
Sewall, Harriet W.....	do.....	62.00	.....
Smith, Paul J.....	do.....	60.00	.....
Warren, Mary W.....	do.....	582.00	.....
Smith, Moses.....	Messenger, at \$720.....	720.00	.....
Campbell, W. S.....	Messenger, at \$480.....	206.67	.....
Key, R. C.....	do.....	222.66	.....
Sheehan, Frank J.....	do.....	50.67	.....
Total amount of appropriation.....			\$15,880.00
Total amount paid for salaries.....			15,380.40
Unexpended balance.....			499.60

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Library, Department of Agriculture, 1908, \$12,500."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Olcott, Ella M.....	Clerk, at \$720.....	\$102.00	.....

## LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Library, Department of Agriculture, 1908, \$12,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$4.50	Journal of Commerce and Commercial Bulletin	\$14.30
Ballantyne & Sons, Wm.	35.75	Journal of Economic Entomology	2.00
Lamb & Tilden	32.90	Journal of Experimental Medicine	5.00
Library Bureau	52.00	Joyce Engraving Co., Maurice	.50
Swayze, W. L.	144.00	Kellerman, S. V.	2.00
Total	269.15	Kellerman, W. A.	3.00
<i>Miscellaneous supplies, etc.</i>		Koehler's Antiquarium, K. F.	21.64
Academy of Natural Sciences of Philadelphia	2.50	Kuhlman, Julius	.50
A. L. A. Publishing Board	36.59	Lansburgh & Bro.	97.02
American Agriculturist	1.00	Laywers Cooperative Publishing Co.	53.50
American-Asiatic (Incorporated)	3.00	Lea Brothers & Co.	12.00
American Grocer	3.00	Lencke & Buechner	555.71
American Society for Tenting Materials	26.40	Lord & Nagle Co.	6.00
Ballantyne & Sons, Wm.	739.01	Louisiana Planter and Sugar Manufacturing Co.	3.00
Barrick Company	3.00	Lowdermilk & Co., W. H.	380.61
Bartels & Co., Howard	5.00	Lunenburg's Antiquariat	58.72
Beerbohm, J. E.	29.20	MacMillan Co.	65.50
Bennett & Co. (Incorporated), Frank P.	4.00	Maine Sportsman	2.00
Berriman, Chas. S.	25.00	Mark Lane Express	4.26
Biggar-Wilson (Limited)	1.66	Minnix Co. (Incorporated), N. M.	5.00
Bit and Spur Publishing Co.	2.00	Moore, W. H.	411.50
Boston Book Co.	1.00	National Coopers' Journal	4.00
Brennan, B. A.	5.00	National Geographic Society	5.00
Brentano's	88.10	National Railway Publishing Co.	113.33
Brough, Wm.	10.59	Nelson & Sons, Thos.	96.00
Bureau of Printing	5.00	New England Botanical Club	1.00
California Fruit Grower	2.50	New York Botanical Garden	9.25
Canner Publishing Co.	3.00	New York Maritime Register	35.00
Carnegie Institute of Washington	28.25	New York Tribune	8.80
Castor & Co., T. H.	13.04	Nijhoff, Martinus	19.96
Clifton, H. T.	1.50	O'Connor Market Reporter Co.	5.00
Clute & Co., Willard N.	1.50	Ohio Library Co.	3.50
Collier & Son, P. F.	4.50	Oil, Paint and Drug Reporter	6.00
Commercial Newspaper Co.	6.00	O'Leary, H. A.	2.50
Commercial Review	3.00	Pantograph	1.00
Comatelbuo (Limited)	10.50	Patterson, H. C.	206.00
Cox, Horace	.42	Penton Publicity Co.	3.25
Curtis, Guild & Co.	4.00	Plant World	1.00
Dames, Felix L.	12.27	Pond, Fred E.	1.50
Dana Co., Wm. B.	10.00	Pannepacker, Daniel E.	1.50
Dun & Co., R. G.	75.00	Potomac Press	6.00
Entomological Society of Ontario	2.00	Publishers' Weekly	30.50
Evans, Charles	15.00	Railroad Gazette	5.00
Everman, Barton W.	.80	Railway Equipment and Publishing Co.	15.00
Field, Edward S.	7.71	Rand, McNally & Co.	46.50
Florists Exchange, The	1.00	Remington Typewriter Co.	.60
Ford, Robert J.	.30	Reviews of Reviews Co.	1.20
Freidlander & Sohn, R.	555.30	Rutter, Frank R.	2.43
Freight Publishing Co.	3.00	St. Louis Lumberman	3.00
Fruit World Publishing Co.	1.00	Schapirograph Co.	8.75
Gamber, J.	5.99	Schoell, George	7.00
Georg & Co.	21.00	Shepard Company, Frank	6.00
Gerard, Henri	1.80	Smith, Annie Morrill	1.00
Government Printing Office	2.90	Smithsonian Institution	60.00
Grant, A. H.	.95	Snead & Co. Iron Works	2,068.00
Herbarium, Gray, of Harvard University	136.01	Southern Educational Review	2.00
Hammond Typewriter Co.	76.00	Southern Lumber Journal	1.50
Harding Publishing Co., A. R.	1.00	Spon & Chamberlain	7.50
Harris & Shafer Co.	1.60	Stechert & Co., G. E.	3,316.96
Hawaiian Gazette Co. (Limited)	2.50	Thomas Publishing Co.	10.00
Heller, A. A.	2.00	Torrey Botanical Club	2.00
Herman, A.	33.15	Trade Co.	1.00
Independent, The	1.00	Trotter, Alessandro	6.00
International Textbook Co.	6.66	Uber, L. C.	13.00
Irrigation Age	2.00	University of California, regents of	2.00
Johnston, A. P.	40.00	University of Nebraska	2.85
		University of Pennsylvania Press	2.00
		Urner-Barry Co.	1.75
		Villavecchia, V.	11.60
		Vinton & Co. (Limited)	5.11

## LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Library, Department of Agriculture, 1908, \$12,500"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Furniture.</i>	
Vitivinicola, Revista.....	\$8.00	Lansburgh Furniture and Carpet	
Ware Bros. Co.....	5.00	Co., J.....	\$5.65
Washington Star Newspaper Co.....	3.90	Library Bureau.....	307.00
Weg, Max.....	107.78	Woodward & Lothrop.....	4.98
Wesley & Sons, Wm.....	1,291.64	Total.....	317.63
West Publishing Co.....	100.75		
Willet & Gray.....	15.00	<i>Travel and station and field expenses.</i>	
Wilson Co.....	4.00		
Wilson Co., H. W.....	57.00	Hawks, Emma B.....	53.25
Winkler & Wagner.....	7.15		
Wood & Co., Wm.....	10.00		
Woodward & Lothrop.....	1.95		
Woodworker, The.....	.80		
Total.....	11,573.77		

Total amount of appropriation.....	\$12,500.00
Total expenditures under above groups.....	12,315.80
Unexpended balance.....	184.20

## RECAPITULATION.

Statutory salaries.....	\$15,380.46
Lump-fund salaries in Washington.....	102.00
Stationery.....	269.15
Miscellaneous supplies and services, equipment, books, machinery, etc.....	11,573.77
Furniture.....	317.62
Travel and station and field expenses.....	53.25
Total for entire library.....	27,696.20
Total amount of appropriations.....	28,380.00
Total expenditures under above groups.....	27,696.20
Unexpended balance on September 30, 1908.....	683.80
Outstanding liabilities (estimated).....	180.00
Balance to be turned back in Treasury (estimated).....	503.80

## PROJECTS.

The principal projects conducted by the library during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Administrative salaries.....	\$4,600.00
Correspondence, files, and accounts.....	1,532.50
Cataloguing, indexing, translating loan desk work, and care of periodicals..	9,349.90
Traveling expenses.....	53.25
Books, periodicals, and miscellaneous supplies.....	12,160.55
Total.....	27,696.20
Paid from appropriations for 1908, as follows:	
Salaries, library.....	15,482.40
General expenses, library.....	12,213.80
Total.....	27,696.20

## OFFICE OF THE CHIEF CLERK.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Contingent expenses, Department of Agriculture, 1908, \$47,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Barrett, John M.	Plumber, at \$4 per diem.	\$88.00	
Callahan, Thomas T.	do.	92.00	
Cratty, James A.	do.	168.00	
Craven, John F.	do.	40.00	
Downey, Michael.	do.	112.00	
Fitzgerald, Thomas A.	do.	208.00	
Fowler, Ernest H.	do.	48.00	
Gallagher, Wm. E.	do.	36.00	
Graham, Chas. W.	do.	76.00	
Johnson, Wm. J.	do.	52.00	
Lawless, John J.	do.	76.00	
Purcell, Charles J.	do.	32.00	
Sachs, A. E.	do.	168.00	
Sedgwick, Clinton H.	do.	36.00	
Starke, Peter H.	do.	44.00	
Anchors, Joseph B.	Plumber's helper, at \$2 per diem.	92.00	
Burns, Martin J.	do.	94.00	
Cox, Charles W.	do.	94.00	
Graninger, George E.	do.	98.00	
Hart, Robt. H.	do.	50.00	
Wentworth, Saml. S.	do.	48.50	
Wilson, James A.	do.	94.00	
Donohoe, Timothy.	Plumber's helper, at \$1.50 and \$2 per diem.	52.00	
Fineran, Joseph K.	Plumber's helper, at \$1.50 per diem.	10.50	
Kernan, Chas. B.	Plumber's helper, at \$1.50 and \$2 per diem.	50.50	
Marks, Alvah R.	Plumber's helper, at \$1.50 per diem.	18.00	
Skidmore, Harry L.	do.	58.50	
Gscheidle, Wm. L.	Plumber's assistant, at \$1.50 per diem.	18.00	
Conner, Jas. B.	Cabinetmaker, at \$3.50 per diem.	115.50	
Gartland, Michael J.	do.	14.00	
Gross, Wm. F.	do.	52.50	
Henkel, Phil F.	do.	133.00	
Forbes, C. G.	Carpenter, at \$4 per diem.	210.00	
Fridell, Willis M.	do.	44.00	
Gloss, Harry D.	do.	84.00	
Laing, David.	do.	64.00	
Perkins, Thomas B.	do.	46.00	
Power, Elmore.	do.	100.00	
Sasher, Wm.	do.	104.00	
Wedding, Harry I. K.	do.	84.00	
Bean, Somerville.	Carpenter, at \$3.50 per diem.	182.00	
Cranford, C. H. S.	do.	129.50	
Umstead, Louis E.	do.	143.50	
Lucas, John H.	Painter, at \$3.50 per diem.	73.50	
Smith, Andrew J.	do.	17.50	
Butler, Chas. J.	Laborer, at \$1.50 per diem.	67.50	
Chamberlain, Martin.	do.	13.50	
McCauley, Everett.	do.	39.00	
Myers, Stanton E.	do.	67.50	
Owens, Edward.	do.	13.50	
Slade, Chas.	do.	39.00	
Atkins, Emma J.	Unskilled laborer, at \$480.	20.00	
Glidden, Belle.	do.	20.00	
Anderson, Frank.	Unskilled laborer, at \$1.50 per diem.	32.25	
Ashburn, Will.	do.	24.75	
Blair, Emmett.	do.	45.00	
Blount, S. L.	do.	12.00	
Boss, Edw.	do.	25.50	
Brehon, W. H.	do.	16.50	
Brooks, Lesley.	do.	10.50	
Countee, Alphonzo.	do.	12.00	
Countee, Wm. A.	do.	12.00	
Cutler, Isaiah.	do.	19.50	
Dyson, Robt.	do.	12.00	
Ernest, M.	do.	4.50	
Graham, A. M.	do.	13.50	
Hall, H.	do.	9.00	

## OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Contingent expenses, Department of Agriculture, 1908, \$47,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
James, William	Unskilled laborer, at \$1.50 per diem	\$21. 00	
Jones, Joel M.	do	27. 00	
Luten, George W.	do	24. 75	
Manzo, James	do	36. 00	
Revelle, Chas.	do	23. 50	
Shields, Wm. H.	do	19. 50	
Smith, Enos B.	do	27. 00	
Thompson, G. F.	do	40. 50	
Walter, E.	do	24. 00	
West, Ernest	do	21. 00	
Davis, Hattie	Unskilled laborer, at \$20 per month	20. 00	
Total		4, 404. 25	
<i>Out of Washington.</i>			
Roosa, I. P.	United States dispatch agent, at \$400	400. 00	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Contingent expenses, Department of Agriculture, 1908, \$47,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
American Lead Pencil Co.	\$115. 88	Barber & Ross	\$159. 33
Andrews Paper Co., R. P.	1, 280. 39	Barber, Geo. M.	127. 20
Ballantyne, R. Carter	2, 126. 72	Becker, C.	128. 90
Baumgarten & Sons, J.	4. 00	Becker & Co., Chas.	57. 77
Bliss Albrecht & Co. (Incorporated)	27. 50	Bernasco, J.	107. 00
Bushnell Co., Alvah	5. 00	Boston Transcript Co.	16. 20
Copenhaver, W. A.	6. 00	Browning & Middleton (Incorporated)	8. 07
Davison & Co., H. C.	242. 42	Burrell's Press Clipping Bureau	210. 00
Faber, Eberhard	3. 50	Burton & Son, R. C. M.	44. 10
Gregory, Mayer & Thom Co.	34. 20	Capital Traction Co.	30. 00
Lamb & Tilden	338. 11	Catlin & Co., Elmer H.	55. 30
Library Bureau	156. 17	Chesapeake and Potomac Telephone Co.	1. 35
Lincoln, Fred S.	8. 30	Chicago Record-Herald	31. 70
Morrison Paper Co., E.	25. 20	Chicago Tribune Co.	6. 50
Newman, E. S.	15. 00	Chicago Tribune	25. 20
Parker, D. Frank	823. 68	Church & Stephenson	828. 19
Philadelphia General Supply Co.	4. 20	Clarke Company, R. P.	220. 64
Schmidt, Fred A.	39. 10	Cling-Surface Co.	3. 50
Sharp & Sons, F.	24. 25	Conger Bros. & Co.	87. 32
Swayze, W. L.	4, 035. 13	Cooper-Hewitt Electric Co.	2. 00
Typewriter and Office Supply Co.	2. 25	Copeland Co., M. G.	7. 50
Union Envelope Co.	109. 51	Cragg Manufacturing Co., H. C.	23. 06
United States Envelope Co.	498. 41	Crowl Co., Pearre E.	6. 00
Yawman & Erbe Manufacturing Co.	64. 30	Curtis & Curtis Co.	8. 50
Total	9, 989. 25	Dulin & Martin Co.	. 90
<i>Miscellaneous supplies, etc.</i>		Du Perow, M.	888. 87
Addressograph Co.	4. 46	Dyer, W. H.	54. 95
Alexandria Gazette	1. 89	Edmonston, Chas. R.	12. 50
American Automatic Disinfectant Co.	88. 20	Elliott & Co., James	170. 50
American Distributing Co.	20. 26	Ergood Co., The J. C.	254. 44
American Watchman's Time Detector Co.	3. 50	Espey, J. B.	50. 69
Armour & Co.	54. 60	Foster Engineering Co.	30. 75
Atkins & Co., E. C.	4. 35	Frazer-Potomac Laundry Co.	272. 14
Baltimore American	15. 25	Fritch & Son, Geo. T.	61. 00
Barber, Geo. E.	16. 00	Gallagher & Bro. (Incorporated), W. T.	363. 03
		Gilman, Z. D.	. 35
		Groff, D. F.	15. 12
		Halls Safe Co.	522. 00

## OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Contingent expenses, Department of Agriculture, 1908, \$47,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Handy A. D.	\$10.00	Smith, B. A.	\$14.25
Harris & Ewing.	2.00	Smith Manufacturing Co., R. H.	50.25
Hart, G. Louis.	28.70	Smith & Bro. Typewriter Co., L. C.	80.00
Hazleton, E. P.	46.65	Smithsonian Institution.	33.25
Heiskell & Co., P. H., Jr.	372.80	Somerville Co., Thos.	1,623.36
Hinton, Agnes.	12.00	Southern Printers Supply Co.	109.28
Hodgkin, Chas. E.	18.87	Standard Oil Co.	37.76
Hoge & McDowell Co. (Incorporated).	1,646.50	Strasburger, Jos.	1.00
Holcomb Manufacturing Co., J. I.	50.40	Sun Printing and Publishing Association.	6.00
Holophane Co.	60.60	Topham, James S.	9.50
Holtzer-Cabot Electric Co.	520.05	Typewriter and Office Supply Co.	4.42
Home Ice Co.	1,329.29	Underwood Typewriter Co.	365.00
Hunter, C. T.	.35	Universal Tool Co.	12.00
Hurley, J. E.	2.25	Vacuum Cleaner Co.	6.50
Hutchinson, Wm. Seely.	5.50	Ward-Leonard Electric Co.	31.50
Hygenic Soap Granulator Co.	33.38	Washington Herald Co.	15.68
Johns-Manville Co.	29.25	Washington Post Co.	16.45
Joyce Engraving Co., The Maurice.	1.00	Washington Star Newspaper Co.	16.65
Kann Sons & Co., S.	.59	Washington Times.	12.00
Keasbey & Mattison Co.	6.97	Westinghouse Electric and Manufacturing Co.	2.00
Kellogg Switchboard and Supply Co.	53.75	Weston Electrical Instrument Co.	5.70
Kendall, J. B.	64.09	White, Fred J.	11.00
Koernicke, Annie I.	15.41	Wilcox, T. Paul.	44.40
Lambie Co. (Incorporated) James B.	66.29	Witkowski, L. C.	2.50
Lansburgh & Bro.	114.93	Woodward & Lothrop.	19.92
Lindsay Rubber Manufacturing Co., M.	3.00		
Lowenthal-Wolf Co.	12.00		
Lutz & Co.	19.50		
McCubbin Co., C. J.	209.84	Total.	18,941.25
McDermott Carriage Co.	161.25		
McGowne, J.	30.00	<i>Furniture.</i>	
McReynolds Sons, R.	273.25	Hoeke, W. H.	248.02
Mackall Bros.	85.20	Lansburgh Furniture and Carpet Co., J.	67.38
MacRae, Hector C.	25.60	Library Bureau.	389.00
May Hardware Co., F. P.	9.50	Lincoln, Fred S.	9.50
Miles Bros.	33.10	Moses & Sons, W. B.	1,027.38
Minnix Co. (Incorporated), N. M.	122.50	Shaw-Walker Co.	33.50
Monarch Typewriter Co.	202.00	Typewriter and Office Supply Co.	18.90
Morgan & Wright.	137.10	Woodruff Manufacturing Co.	27.50
Mott Iron Works, J. L.	138.68	Woodward & Lothrop.	83.89
Mueller Manufacturing Co., H.	63.60	Yawman & Erbe Manufacturing Co.	138.45
Mullean, W. H.	3.00		
Murphy Co. (Incorporated), E. J.	258.59	Total.	2,043.82
Muth & Co., Geo. F.	213.06		
Mutual District Messenger Co.	40.00	<i>Fuel.</i>	
National Electric Supply Co.	171.30	Allegheny Co.	8,925.70
National Mortar Co.	26.10	Dove Co. (Incorporated), J. Maury.	4.50
Nawrath, J. P.	165.00	Leprevost, W. H.	37.50
New York Cycle Co.	115.25	Murphy, Robert.	43.00
New York Mail and Express.	28.80	National Electric Supply Co.	750.00
New York Tribune.	25.60	Stephenson & Bro.	4.50
Nicholson & Son, James A.	60.00		
Orndorff, L. G.	.75	Total.	9,765.20
Peerless Electric Co.	29.00		
Philadelphia Item.	20.00	<i>Freight.</i>	
Philadelphia Press.	15.20	Baltimore & Ohio R. R. Co.	0.56
Postmaster, Washington, D. C.	2,500.00	Blue Line Transfer Co.	1.50
Power's Regulator Co.	50.00	Chicago, Milwaukee & St. Paul Ry. Co.	2.28
Pullman, E. J.	15.25	Knox Express Co., The Geo. W.	2.00
Putnam, Wm. C.	7.50	Merchants Transfer and Storage Co.	1,135.40
Rau, John C.	348.74	Pennsylvania Railroad Co.	3.95
Reed, P. G.	18.00		
Reilly, Hugh.	156.43	Total.	1,145.69
Remington Typewriter Co.	311.40		
Renz & Ludwig.	4.25	<i>Express.</i>	
Roebbing's Sons Co., John A.	260.48	Adams Express Co.	48.39
Roosa, I. P.	21.95	United States Express Co.	124.57
Rudolph & West Co.	239.02		
Schafer & Co., E. G.	40.48	Total.	172.96
Schneider, L. H. & J. M.	130.00		
Schutte & Koerting Co.	5.25		
Shore, Chas.	9.00		
Shore, Frank.	1.00		

## OFFICE OF THE CHIEF CLERK—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Contingent expenses, Department of Agriculture, 1908, \$47,000"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Telegraph.</i>		<i>Travel and station and field expenses.</i>	
Postal Telegraph-Cable Co.....	\$28. 98	Boettcher, Andre B.....	\$46. 05
Tacoma Eastern R. R. Co.....	2. 08	Burch, S. R.....	6. 50
Western Union Telegraph Co.....	105. 05	Hays, W. M.....	896. 98
Total.....	136. 11	Mowry, H. H.....	104. 50
<i>Telephone.</i>		Smith, A. W.....	16. 25
Chesapeake and Potomac Telephone Co.....	457. 73	Smith, J. Russell.....	7. 50
<i>Gas and electricity.</i>		Wilson, A. D.....	72. 90
Bureau of Engraving and Printing....	248. 97	Wilson, James.....	727. 87
Potomac Electric Power Co.....	1,951. 61	Wilson, Jasper.....	267. 97
Washington Gas Light Co.....	354. 10	Total.....	2,146. 32
Total.....	2,554. 68		

Total amount of appropriation.....	\$47,000. 00
Amount transferred from various appropriations on account of supplies furnished to the different bureaus by Chief of the Supply Division, the supplies having been originally purchased out of "Contingent expenses, Department of Agriculture".....	6,055. 56
Total appropriation available.....	53,055. 56
Total expenditures under above groups.....	52,157. 26
Unexpended balance.....	898. 30

## RECAPITULATION.

Lump-fund salaries in Washington.....	\$4,404. 25
Lump-fund salaries outside of Washington.....	400. 00
Stationery.....	9,989. 25
Miscellaneous supplies and services, equipment, books, machinery, etc.....	18,941. 25
Furniture.....	2,043. 82
Fuel.....	9,765. 20
Freight.....	1,145. 69
Express.....	172. 96
Telegraph.....	136. 11
Telephone.....	457. 73
Gas and electricity.....	2,554. 68
Travel and station and field expenses.....	2,146. 32
Total for entire contingent expenses, Department of Agriculture.....	52,157. 26
Total amount of appropriations.....	47,000. 00
Amount transferred from other appropriations on account of supplies furnished.....	6,055. 56
Total appropriations available.....	53,055. 56
Total expenditures under above groups.....	52,157. 26
Unexpended balance on September 30, 1908.....	898. 30
Outstanding liabilities (estimated).....	400. 00
Balance to be turned back in Treasury (estimated).....	498. 30

## OFFICE OF EXPERIMENT STATIONS.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Salaries, Office of Experiment Stations, 1908, \$31,220."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
True, A. C.	Director, at \$3,500.	\$3,500.00	\$439.45
Johnston, C. E.	Chief clerk, at \$1,800.	1,800.00	
Henry, William	Clerk and proof reader, at \$1,600.	1,600.00	
Bartholow, F. A.	Clerk, class 2	1,400.00	
Harlow, G. A.	do.	1,400.00	
Sommers, S. L.	do.	1,400.00	
Spethmann, M. T.	do.	1,400.00	
Murphy, Daisy K.	Clerk, class 1	366.67	
Rowley, B. M.	do.	830.00	
Nau, K. A.	do.	1,200.00	
Ryder, M. E.	do.	1,200.00	
Sweetnam, M. V.	do.	1,200.00	
Agnew, M. A.	Clerk, at \$1,000.	1,000.00	
Daish, W. M.	do.	691.67	
Rowley, B. M.	do.	305.33	
Vance, Miriam C.	do.	1,000.00	
Daish, W. M.	Clerk, at \$900.	277.50	
Resch, Antoinette.	do.	622.50	
Garland, M. O.	do.	207.50	
Walton, Lutie L.	do.	692.50	
Armstrong, Jessie V.	Clerk, at \$840.	193.67	
Garland, M. O.	do.	646.33	
Colbath, M. F.	do.	840.00	
Crain, A. C.	do.	840.00	
Emerson, Edith O.	do.	840.00	
Resch, Antoinette.	do.	259.00	
Tallent, G. A.	do.	581.00	
Eidsness, Lars M.	Messenger, at \$720.	720.00	
Nelson, Henry A.	Messenger, at \$600.	431.67	
Woods, L. A.	do.	166.67	
Hoffman, Geo. L.	Messenger, at \$480.	337.33	
Nelson, Henry A.	do.	134.67	
Brown, Ralph W.	do.	80.00	
Mansuy, John S.	do.	400.00	
Lehmann, W. G.	do.	480.00	
Webster, Nimia.	Copyist, at \$720.	720.00	
Garvey, Mary C.	Laborer, at \$480.	480.00	
Moriarity, Mary A.	do.	480.00	
Noone, Sarah A.	do.	480.00	

Total amount of appropriation ..... \$31,220.00

Total amount paid for salaries ..... 31,207.01

Unexpended balance ..... 12.99

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Agricultural experiment stations, 1908, \$30,000."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Allen, E. W.	Assistant director, at \$3,000	\$3,000.00	\$843.38
Beal, W. H.	Chief editorial division, at \$2,500	2,500.00	269.55
Evans, Walter H.	Chief of division, at \$2,500	2,500.00	368.58
Langworthy, C. F.	Nutrition expert, at \$2,400	2,100.00	200.02
Schulte, J. I.	Assistant agriculturist, at \$2,000	2,000.00	
Wilcox, E. V.	Scientific assistant, at \$2,000	2,000.00	175.48
Lawson, H. W.	Scientific assistant, at \$1,800	250.00	
Glasson, E. J.	Scientific assistant, at \$1,500	1,500.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations, 1908, \$30,000"—Continued

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Knight, H. L.	Scientific assistant, at \$1,200	\$1,200.00	
Ogden, E. L.	do.	1,200.00	
Crosby, D. J.	Assistant, at \$1,800	900.00	\$774.91
Milner, R. D.	do.	1,425.00	79.25
Morman, James B.	Clerk and editorial assistant, at \$1,400	1,108.34	
Burrows, Tremaine K.	Editorial assistant, at \$1,200	50.00	
Murphy, Daisy K.	Clerk, class 1	646.67	
Kinsley, Alice F.	Clerk, at \$840	525.00	
Olcott, Ella M.	Clerk, at \$60 per month	300.00	
Ashley, E. G.	Library assistant, at \$720	282.00	
Acers, John	Unskilled laborer, at \$2 per diem	8.00	
Darden, Henry	do.	8.00	
Day, Charles	do.	8.00	
Mason, Henry	do.	8.00	
Rousseau, G. W.	Messenger boy, at \$40 per month	40.00	
Total		23,559.01	
<i>Out of Washington.</i>			
Milner, R. D.	Assistant, at \$1,800	150.00	
Woll, F. W.	Collaborator, at \$300	300.00	
Total		450.00	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations, 1908, \$30,000."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$7.60	Hygienic Soap Granulated Co.	\$2.00
Ballantyne, R. Carter	6.00	Maurice Joyce Engraving Co., The	2.20
Contingent expenses	208.39	Kann, Sons & Co., S.	4.58
Lamb & Tilden	8.58	Kellogg Switchboard and Supply Co.	17.68
Library Bureau	3.75	Killian Co., Geo. P.	3.00
Monarch Typewriter Co.	3.40	Lambie Co. (Incorporated), James B.	9.45
Morrison Paper Co., E.	3.00	Lansburgh & Bro.	35.44
Parker, D. Frank	12.95	Morrey, J. B.	4.25
Schmidt, Fred A.	4.56	Murphy Co. (Incorporated), E. J.	1.00
Stott & Co., Chas. G.	3.90	Muth & Co., Geo. F.	32.83
Swayze, W. L.	5.56	National Electric Supply Co.	4.00
Union Envelope Co.	13.98	O'Donnell, James	1.25
United States Envelope Co.	47.83	Peerless Electric Co.	12.00
Yawman & Erbe Manufacturing Co.	22.72	Rand, McNally & Co.	2.50
Total	352.22	Reilly, Hugh	12.50
<i>Miscellaneous supplies, etc.</i>		Remington Typewriter Co.	26.80
Barber & Ross	1.40	Rudolph & West Co.	59.47
Capital Traction Co.	10.00	Shore, Charles	.50
Church & Stephenson	135.52	Smith Premier Typewriter Co.	7.20
Clarke Co., R. P.	1.50	Southern Printers Supply Co.	.20
Copeland Co., M. G.	49.11	Uber, Louis C.	13.75
Du Perow, M.	9.92	Underwood Typewriter Co.	7.00
Dyer, W. H.	5.00	United States Fireless Cooker Co.	3.50
Elliott Co.	7.96	Washington Wood-Working Co.	10.00
Favor, Ruhl & Co.	13.50	Wirt & Co., Charles	12.45
Fireman, Peter	175.00	Woodward & Lothrop	18.15
Gasch & Sons, Richard	2.00	Total	753.36
Groff, D. F.	10.50	<i>Furniture.</i>	
Haas, Joseph G.	21.00	Lansburgh Furniture and Carpet Co., J.	34.87
Hammond Typewriter Co.	7.25	Library Bureau	50.00

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations, 1908, \$30,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Furniture—Continued.</i>		<i>Telephone.</i>	
Lincoln, Fred S.....	\$2.71	Chesapeake & Potomac Telephone Co.	\$13.32
Moses & Sons, W. B.....	459.89	<i>Rent.</i>	
Woodward & Lothrop.....	22.41	Pearson, Henry Clay.....	749.97
Yawman & Erbe Manufacturing Co..	102.75	<i>Apparatus, instruments, and laboratory material.</i>	
Total.....	672.63	Pullman, E. J.....	10.80
<i>Freight.</i>		Sheetz, W. Silas.....	5.10
Knox Express Co., The Geo. W.....	.75	Total.....	15.90
Pennsylvania Railroad Co.....	.68	<i>Travel and station and field expenses.</i>	
Total.....	1.43	Allen, E. W.....	843.48
<i>Express.</i>		Beal, W. H.....	269.55
Adams Express Co.....	5.30	Crosby, D. J.....	387.07
United States Express Co.....	3.15	Evans, Walter H.....	368.58
Total.....	8.45	Gle, F. L.....	26.45
<i>Telegraph.</i>		Langworthy, C. F.....	44.10
Postal Telegraph-Cable Co.....	3.63	True, A. C.....	439.45
Western Union Telegraph Co.....	16.89	Wicox, E. V.....	419.91
Total.....	20.52	Total.....	2,798.59

Total amount of appropriation..... \$30,000.00  
 Total expenditure under above appropriation..... 29,295.40

Unexpended balance..... 604.60

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations, 1908, \$30,000."

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Henry Clay Pearson.....	Rent of offices.....	\$749.97

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations (farmers' institutes), 1908, \$5,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Hamilton, John.....	Farmers' institute specialist, at \$2,250.....	\$2,062.50	\$331.91
Crosby, D. J.....	Assistant, at \$1,800.....	900.00	
Sampson, H. O.....	Scientific assistant, at \$1,200.....	300.00	232.08
Total.....		3,262.50	
<i>Out of Washington.</i>			
Robison, C. H.....	Collaborator, at \$5 per month.....	25.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Agricultural experiment stations (farmers' institutes), 1908, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Furniture—Continued.</i>	
Ballantyne, R. Carter.....	\$3.50	Schmidt, O. H.....	\$28.75
Library Bureau.....	1.25	Woodward & Lothrop.....	5.95
Smith, Charles C.....	10.32	Yawman & Erbe Manufacturing Co.....	129.35
Swayze, W. L.....	1.00	Total.....	258.59
Yawman & Erbe Manufacturing Co.....	2.80		
Total.....	18.87	<i>Express.</i>	
<i>Miscellaneous supplies, etc.</i>		Adams Express Co.....	1.95
Adkisson, C. D.....	5.00	<i>Telegraph.</i>	
Akers, J. O.....	5.45	Western Union Telegraph Co.....	.97
Elliott Co.....	81.50	<i>Apparatus, instruments, and laboratory material.</i>	
Lansburgh & Bro.....	11.76	Leese, M. A.....	45.00
McCreary, A.....	7.20	Pullman, E. J.....	84.54
Muth & Co., Geo. F.....	2.70	Sheetz, W. Silas.....	26.70
Palais Royal.....	8.00	Total.....	156.24
Rand, McNally & Co.....	5.00	<i>Travel and station and field expenses.</i>	
Remington Typewriter Co.....	16.25	Crosby, D. J.....	350.70
Rudolph & West Co.....	1.80	Hamilton, John.....	331.91
Shakespeare Co.....	4.00	Sampson, H. O.....	232.08
Somerville Co., Thos.....	36.48	Wilcox, E. V.....	55.57
Topham, James S.....	13.00	Total.....	970.26
Underwood Typewriter Co.....	12.25		
Total.....	210.39		
<i>Furniture.</i>			
Lansburgh Furniture and Carpet Co., J.....	6.98		
Moses & Sons, W. B.....	87.56		
Total amount of appropriation.....			\$5,000.00
Total expenditures under above groups.....			4,904.77
Unexpended balance.....			95.23

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Nutrition investigations, 1908, \$5,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington.</i>			
Langworthy, C. F.....	Nutrition expert, at \$2,400.....	\$300.00	
Milner, R. D.....	Assistant, at \$1,800.....	225.00	
Carpenter, T. M.....	Scientific assistant, at \$1,200.....	23.33	
Darling, A. N.....	Clerk, at \$1,000.....	33.33	
Total.....		581.66	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Nutrition investigations, 1908, \$5,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.</i>		<i>Telegraph.</i>	
Bunce, Jas. H. ....	\$54.48	Postal Telegraph-Cable Co. ....	\$0.45
Finley, R. E. ....	5.25	Western Union Telegraph Co. ....	.92
Hartman, R. R. ....	26.00		
Raymond, H. ....	6.00	Total .....	1.37
Stone & Co., C. O. ....	254.36		
Total .....	346.09	<i>Travel and station and field expenses.</i>	
<i>Freight.</i>		Langworthy, C. F. ....	155.92
Brazos & Sons, A. ....	43.85	Milner, R. D. ....	79.25
Merchants Transfer and Storage Co. ....	370.24	Singleton, F. E. ....	40.24
Total .....	414.09	Total .....	275.41
<i>Express.</i>			
Adams Express Co. ....	7.38		

Total amount of appropriation ..... \$5,000.00

Total expenditures under above groups ..... 1,626.00

Unexpended balance ..... 3,374.00

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000."

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Elliott, C. G. ....	Chief drainage investigations, at \$3,000. ....	\$3,000.00	\$897.46
Mead, Elwood. ....	Chief irrigation investigations, at \$3,000. ....	500.00	358.30
Teele, R. P. ....	Editorial assistant, at \$2,200. ....	2,200.00	108.25
Huntington, Frank. ....	Editorial assistant, at \$1,200. ....	1,016.67	
Wright, J. O. ....	Supervising drainage engineer, at \$2,250. ....	2,250.00	1,036.85
McEathron, Wm. J. ....	Supervising drainage engineer, at \$2,000. ....	1,622.22	644.33
Woodward, S. M. ....	Irrigation engineer, at \$2,000 and \$2,200. ....	2,100.00	164.94
Johnston, A. F. ....	Agent and expert, at \$1,600. ....	800.00	81.10
Kipp, H. A. ....	Expert, at \$1,200 and \$1,500. ....	1,475.00	746.36
Singleton, F. E. ....	Computer, at \$1,800. ....	1,800.00	40.24
Griffin, Geo. A. ....	Scientific assistant, at \$1,000. ....	466.67	161.87
Darrow, A. N. ....	Draftsman, at \$125 per month. ....	1,250.00	
Pohlers, Geo. F. ....	do. ....	1,500.00	
Maddux, Sadie K. ....	Stenographer and typewriter, at \$840. ....	840.00	
Alexander, Emma C. ....	Stenographer and typewriter, at \$70 per month. ....	42.00	
Bayliss, Kate P. ....	do. ....	422.33	
Warren, Marie J. ....	do. ....	84.00	
Ross, Louise. ....	Clerk, at \$1,000. ....	38.89	
Armstrong, Jessie V. ....	Clerk, at \$840. ....	16.33	
Figg, Beulah. ....	Clerk, at \$840 and \$600. ....	428.33	
Hanna, Jane. ....	Clerk, at \$840. ....	807.33	
Hubard, Anna M. ....	do. ....	49.00	
Kinsley, Alice F. ....	do. ....	58.33	
Gallagher, Florence M. ....	Clerk, at \$70 per month. ....	101.51	
Lipp, Jamie M. ....	do. ....	63.00	
Halloran, Chas. E. ....	Electrician, at \$900. ....	75.00	
Laing, David. ....	Carpenter, at \$4 per diem. ....	176.00	
Tronsure, E. D. ....	Carpenter, at \$3.50 and \$4 per diem. ....	305.50	
Gutridge, Wm. M. ....	Painter, at \$3.50 per diem. ....	38.50	
Burton, John. ....	Unskilled laborer, at \$50 per month. ....	50.00	
Fitzhugh, Wm. H. ....	do. ....	50.00	
Boss, Robert A. ....	Unskilled laborer, at \$1.50 per diem. ....	4.50	
Morrisette, R. G. ....	do. ....	39.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington—Continued.</i>			
Martin, Mary E.....	Laborer, at \$480.....	\$120.00	.....
Tallent, G. A.....	Messenger, at \$540.....	166.50	.....
Brown, Ralph W.....	Messenger, at \$480.....	30.67	.....
Andrew, H. B.....	Messenger boy, at \$360.....	5.00	.....
Pennebaker, C. D.....	do.....	49.00	.....
Reilly, Kate.....	Charwoman, at \$40 per month.....	38.67	.....
Starlipper, Loler.....	do.....	41.33	.....
Behm, Mary C.....	Charwoman, at \$240.....	230.00	.....
Deffel, Minnie.....	Charwoman, at \$20 per month.....	10.00	.....
Total.....	.....	24,361.28	.....
<i>Out of Washington.</i>			
Morgan, Arthur E.....	Supervising drainage engineer, at \$6.50 per diem and \$2,000.....	1,982.84	\$1,294.92
Stewart, John T.....	Drainage engineer, at \$1,800 and \$6 per diem....	1,119.00	252.31
McCrory, Samuel H.....	Drainage engineer, at \$1,500.....	1,500.00	691.89
Brown, C. F.....	Drainage engineer, at \$1,400 and \$1,800.....	1,766.66	734.57
Fortier, Samuel.....	Irrigation engineer and chief of irrigation investigations, at \$3,000.....	3,000.00	1,383.25
Stover, A. P.....	Irrigation engineer, at \$2,000.....	2,000.00	1,057.90
Fuller, Paul E.....	Irrigation engineer, at \$1,800.....	1,800.00	910.41
Tait, Clarence E.....	Irrigation engineer, at \$1,600.....	1,600.00	1,266.83
Fleming, Burton P.....	Irrigation engineer, at \$1,500 and \$2,000.....	541.67	42.05
McLaughlin, Walter W.....	Irrigation engineer, at \$1,500 and \$1,800.....	825.00	404.00
Gregory, W. B.....	Irrigation engineer, at \$6 and \$7.50 per diem.....	1,491.00	503.15
Nowell, Herbert T.....	Irrigation engineer, at \$125 per month.....	500.00	765.40
Raschbacher, Harry G.....	Irrigation engineer, at \$1,200.....	100.00	.....
Wright, A. E.....	do.....	63.33	.....
Stout, O. V. P.....	Irrigation engineer, at \$10 per diem.....	690.00	179.72
Lory, Chas. A.....	Irrigation manager, at \$2,250.....	443.75	447.70
Roeding, F. W.....	do.....	2,250.00	2,877.33
Rockwell, Wm. L.....	Irrigation manager, at \$2,000.....	500.00	257.68
Jayne, S. O.....	Irrigation manager, at \$1,800.....	1,800.00	916.54
Roadhouse, J. E.....	do.....	740.00	332.95
Bryant, O. W.....	Irrigation manager, at \$1,500 and \$1,800.....	1,195.83	847.41
Etcheverry, B. A.....	Expert, at \$10 per diem.....	407.50	263.82
Whitson, Andrew R.....	do.....	200.00	.....
Adams, Frank.....	Expert, at \$7.50 per diem.....	442.50	514.83
Nelson, Elias.....	Expert, at \$1,500.....	1,500.00	371.47
Ford, Howard C.....	Expert, at \$125 per month.....	25.00	23.75
Hidinger, L. L.....	Expert, at \$1,200, and scientific assistant in rural engineering, at \$1,500.....	1,475.00	1,184.48
Lucke, Chas. E.....	Expert, at \$1,000.....	41.67	.....
Stimson, J. E.....	Expert, at \$2.50 per diem.....	5.00	.....
Pearl, Walter.....	Agent, at \$7.50 per diem.....	262.50	46.55
Fisher, R. W.....	Agent, at \$6 per diem.....	228.00	36.60
Johnston, A. F.....	Agent and expert, at \$1,600.....	800.00	.....
Mahoney, R. E.....	Agent, at \$110 and \$130 per month.....	1,360.00	420.27
Moore, H. I.....	Agent, at \$1,200.....	300.00	221.89
Back, Dan H.....	Agent, at \$100 per month.....	200.00	139.32
Bixby, Fred. L.....	do.....	300.00	319.55
Brett, Lawrence.....	Agent, at \$100 per month, and scientific assistant in rural engineering, at \$1,500.....	1,475.00	1,082.10
Davidson, J. B.....	Agent, at \$100 per month.....	300.00	.....
Elliott, Herman R.....	do.....	350.00	517.60
Hart, R. A.....	do.....	50.00	29.85
Jefferies, J. H.....	do.....	100.00	.....
Jones, W. J.....	do.....	300.00	.....
Reed, Chas. E.....	do.....	523.33	621.50
True, Gordon H.....	Agent and expert, at \$100 per month.....	1,200.00	368.30
Fairley, Omer.....	Agent, at \$1,000, and scientific assistant in rural engineering, at \$1,200.....	1,083.33	768.53
Miller, Dalton G.....	do.....	1,183.33	1,697.66
Beckett, S. H.....	Agent, at \$75 per month.....	75.00	.....
Cone, Victor M.....	Agent, at \$75 per month, and scientific assistant in rural engineering, at \$1,500.....	500.00	468.75
Gillespie, Chester G.....	Agent, at \$75 per month.....	112.50	179.95
Grone, Edw. A.....	do.....	75.00	50.68

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Kerin, Edmund F.	Agent, at \$75 per month	\$442.50	\$174.37
Marr, James Carlton	do.	202.50	251.90
Chadwick, E. Wallace	Agent, at \$75 per month, and scientific assistant in rural engineering, at \$1,200.	431.67	329.25
Hemphill, R. G.	Agent, at \$80 and \$75 per month	577.50	438.56
Rivers, Charles	Agent, at \$80 per month	328.00	
Lawson, Angus	Agent, at \$50 per month	300.00	
Zappone, Claude R., jr	Agent, at \$40 per month	201.33	303.84
Barnes, Fred J.	Agent, at \$3 per diem	66.00	
Collins, A. B.	do.	63.00	
Fugate, Fred M.	Agent, at \$3 per diem and \$40 per month, head chairman, at \$45 per month, rodman, at \$50 month, and agent, at \$75 per month.	699.00	193.05
Kreutzer, Geo. C.	Agent, at \$3 per diem	60.00	
Stover, N. M.	do.	126.00	
Wood, C. M.	do.	63.00	
Hoff, Edward J.	Expert mechanic, at \$1,500.	1,500.00	70.35
Lauck, Wm. H.	Special agent, at \$75 per month, and irrigation farmer, at \$900.	900.00	735.96
King, M. L.	Collaborator, at \$25 per month	50.00	
Atkin, Joseph T.	Collaborator, at \$5 per month	20.00	
Foreman, M. W.	Collaborator, at \$3 per month	9.00	
Ahlgrim, M. J.	Collaborator, at \$2 per month	4.00	
Vick, R. W.	do.	2.00	
Ervin, Guy	Stenographer and typewriter, at \$1,000 and \$1,200.	1,166.66	61.40
Shafer, Fred F.	Scientific assistant in rural engineering, at \$1,200.	1,100.00	854.67
Baxter, Ora G.	Scientific assistant in rural engineering, at \$1,000.	788.89	386.33
Lynde, Harry M.	do.	758.33	210.90
Weir, Walter W.	do.	916.67	551.25
Gordon, John H.	Irrigation farmer, at \$1,200 and \$1,500; horse hire, \$360.	1,635.00	1,550.73
Krall, John, jr	Irrigation farmer, at \$1,000	905.56	370.65
De Sant, M. R.	Tile layer, at \$5 per diem	390.00	
Boyd, Geo. R.	Rodman, at \$45 per month, instrument man, at \$85 per month, and agent, at \$90 per month.	513.00	325.85
Phillips, J. V.	Levelman, at \$100 per month	413.33	
Foster, C. C.	Levelman, at \$75 per month	30.00	
Yarnell, D. L.	do.	30.00	
Gardiner, Frank	Rodman, at \$75 per month	47.50	
Sanders, E. L.	Rodman, at \$70 and \$83.33 per month	305.77	
Schirmer, F. B.	do.	305.77	
Chappel, Milford E.	Rodman, at \$40 per month	40.00	
Greathouse, Lucien H.	do.	160.00	80.20
Heardin, Melvin	do.	20.00	
Mathews, C. L.	do.	45.33	
Pearson, R. C.	do.	16.00	
Misch, Henry	Rodman, at \$40 and \$45 per month	254.80	20.30
Rogers, B. F.	Rodman, at \$40 and \$50 per month, and \$1.75 per diem.	206.50	64.65
Okey, C. W.	Rodman, at \$1.80 per diem	46.80	
McGeorge, H. L.	Chainman, at \$2.50 per diem	32.50	
Lincoln, L. W.	Chainman, at \$2 per diem	32.00	
Hawkins, C. A.	Chainman, at \$40 per month	101.33	
Milligan, E. J.	do.	40.00	
Weatch, N. T.	do.	16.00	
Bradshaw, W. O.	Axman, at \$1.50 per diem	10.50	
Ege, E. G.	do.	9.75	
Flock, George	do.	10.50	
Grube, Ben.	do.	39.00	
Kincaide, R. L.	do.	11.25	
Lewis, Henry	do.	39.00	
Hirte, Carl	Axman, at \$1.50 per diem, and rodman, at \$40 per month.	228.01	7.59
Lyon, Desilver	Axman, at \$40 per month, and rodman at \$45 per month.	259.33	10.04
Miller, H. A.	Axman, at \$40 per month and rodman, at \$40 per month.	100.00	
Large, Edd.	Boatman, at \$35 per month	11.67	
Large, W. O.	do.	30.33	
Clark, Dan E.	Cement worker, at \$6 per diem	126.00	
Unthank, Earnest A.	do.	156.00	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Henderson, J. A.	Carpenter, at \$4.50 per diem.	\$31.00	
Hines, A. W.	Mechanic, at \$2.50 per diem.	57.50	
Whitlock, Paul.	do.	92.50	
Hoeye, W. D.	Laborer, at \$4 per diem.	90.00	
Bunting, David.	Laborer, at \$80 per month.	56.00	
Abbott, N. E.	Laborer, at \$2.50 per diem.	106.25	
Dow, J. M.	do.	57.50	
Dow, P. M.	do.	112.50	
Maller, J. E.	do.	40.00	
Starks, Thomas.	do.	110.00	
Waller, J. E.	do.	56.25	
Allen, Andrew.	Laborer, at \$2 per diem.	26.00	
Allen, Edgar.	do.	24.00	
Baker, Wm.	do.	13.50	
Bentley, Roy.	do.	14.25	
Cannon, George.	do.	13.00	
Furlong, David.	do.	21.75	
Johansen, Andrew.	do.	59.25	
Laub, Mark.	do.	12.00	
Larson, John H.	do.	15.25	
Marshall, Adelbert.	do.	24.00	
Marshall, Arley.	do.	32.25	
Miles, Fred.	do.	16.00	
Miles, Ira.	do.	16.00	
Stratton, R.	do.	5.00	
Woodbury, O. M.	do.	14.25	
Berg, Eddy.	Laborer, at 20 cents per hour.	13.00	
Olverson, Geo.	do.	4.40	
Olverson, O. T.	do.	21.20	
Perry, W. G.	do.	21.80	
Hamilton, T. J.	Laborer, at \$40 per month.	22.67	
Jacobson, John.	Laborer, at \$1.25 per diem and \$1.50 per diem.	35.50	
Rice, W. E.	Laborer with team, at \$2.50 and \$4 per diem.	110.00	
Fuller, Everett.	Laborer with team, at 45 cents per hour.	68.85	
Bagley, Geo. R.	Laborer with team, at \$4 per diem.	42.00	
Steadman, Wm.	do.	32.00	
Bryner, H.	Laborer with team, at \$3.75 per diem.	22.50	
Geary, E. L.	do.	91.25	
Miles, Harold.	do.	12.50	
Taylor, W. H.	Laborer with team, at \$3.10 per diem.	80.60	
Lawson, James.	Laborer with team, at \$75 per month.	75.00	
Pike, Sheldon.	Teamster, at \$100 per month.	46.67	
Lankford, J. G.	Guide, at \$2.50 per diem.	15.00	
March, Geo. M.	Transitman, at \$75 per month.	57.50	
Hall, A. H.	Cook, at \$50 per month.	13.33	
Allen, Nicholas.	Cook, at \$45 per month.	45.00	
Brown, C. C.	do.	27.00	
Caplinger, Floyd.	do.	66.00	\$14.74
Mathews, John.	Cook, at \$40 per month.	12.00	
Lewis, Matt.	Cook, at \$1.50 per diem.	45.00	
Total.		60,445.09	

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P. ....	\$29.60	Duling, J. T. ....	\$20.00
Ballantyne, R. Carter. ....	32.72	Du Perow, M. ....	49.29
Contingent expenses, Department of		Dyer, W. H. ....	19.00
Agriculture. ....	285.11	Eads Feed Co. ....	42.20
Dietzgen Co., Eugene. ....	15.50	Eagle Lock Co. ....	1.32
Lamb & Tilden. ....	22.00	Eastern Kansas Oil Co. ....	21.00
Library Bureau. ....	33.25	Edwards Bros. ....	67.01
Parker, D. Frank. ....	13.25	Elkhorn Barn. ....	9.50
Schmidt, Fred A. ....	550.02	El Paso Foundry and Machine Co. ....	579.70
Stockett-Fiske Co. ....	6.75	Fairbanks Co., The. ....	123.00
Stott & Co., Chas. G. ....	9.01	Fairbanks, Morse & Co. ....	205.17
Swayze, W. L. ....	41.67	Farrelly Bros. ....	102.00
Union Envelope Co. ....	16.11	Figer Bros. Mercantile Co. ....	6.00
United States Envelope Co. ....	113.19	Fowler Bros. ....	18.00
United States Paper Goods Co., The. ....	5.45	Frank, Geo., and Anton Kokemis. ....	30.00
Yawman & Erbe Manufacturing Co. ....	64.70	Frohlich, Max. ....	130.50
Total. ....	1,238.33	Galloway, John R. ....	9.00
<i>Miscellaneous supplies, etc.</i>		Garland, F. S. ....	56.25
Adams, Ziegler & Co. ....	6.00	Geary, Edward G. ....	52.85
Aermotor Co. ....	20.96	Geological Survey. ....	6.50
Aggers, S. A. ....	38.25	Gleason Mercantile Co. ....	33.40
Ahlgrim, M. J. ....	32.00	Goodman, A. L. ....	26.00
Akers, J. O. ....	11.65	Grant Gear Works. ....	11.70
Albany Iron Works. ....	84.00	Haas, Joseph G. ....	7.00
American Multigraph Sales Co. ....	255.00	Hammacher, Schlemmer & Co. ....	23.00
Amandson, A. P. ....	75.07	Harmon & Kello. ....	66.53
Anderson Mercantile Co., P. ....	9.00	Harrington, John. ....	9.00
Arp, J. H. ....	60.00	Hazleton, E. P. ....	40.00
Aspinwall Manufacturing Co. ....	44.00	Heitman Co., H. E. ....	120.94
Bailey & Crenshaw. ....	74.35	Hendrie & Bolthoff Manufacturing and	
Baird Mercantile Co., J. L. ....	267.61	Supply Co. ....	596.94
Baker & Hamilton. ....	18.00	Hodgkin, Chas. E. ....	20.43
Baldwin, Knowlton & Lake. ....	87.18	Holley, Mason Hardware Co. ....	176.50
Ballard, Ed. C. ....	23.33	Holliday Co., W. H. ....	14.17
Ballard & Weigant. ....	102.90	Holter Hardware Co., A. M. ....	315.00
Barber & Ross. ....	54.00	Hook Bros. & Co. ....	134.30
Bishop, J. Watt. ....	172.33	Hopper & Bartley. ....	33.25
Black, P. J. ....	79.84	Howe Scale Co. ....	68.00
Black & Duff. ....	82.34	Hughes, H. L. ....	18.25
Blacksmith, Ricketts. ....	28.00	Hughes, J. M. ....	43.60
Blocki Co., F. ....	9.00	International Harvester Co. of America. ....	150.00
Boeringer & Son. ....	2.50	Jacobson, John. ....	50.90
Bohlke & Co., T. ....	20.00	Johnston, C. T. ....	618.60
Bourne & Co. ....	24.00	Johnston Shoe Co. ....	14.00
Bradford, Geo. R. ....	8.80	Joyce Engraving Co., The Maurice. ....	3.75
Bradley Manufacturing Co., David. ....	30.00	Kann Sons & Co., S. ....	8.76
Bristol Co., S. A. ....	7.00	Karns, Loo. ....	11.50
Brown, Paul. ....	26.00	Keefe, M. P. ....	5.00
Camp, Charles. ....	12.50	Keith, C. W. ....	13.76
Capital Traction Co. ....	20.00	Kellogg Switchboard and Supply Co. ....	17.69
Carney Bros., Livery. ....	20.00	Lake Worth Mercantile Co. ....	11.19
Carpenter, John. ....	150.00	Lansburg & Bro. ....	43.16
Carver, James. ....	104.73	Large, J. H. ....	83.27
Cheyenne Light, Fuel and Power Co. ....	48.00	Lea, Samuel H. ....	600.00
Chicago Steel Tape Co. ....	20.00	Lewis, John H. ....	600.00
Christiansen, Geo. E. ....	21.00	Lewis, R. E. ....	45.50
Christensen & Olson. ....	11.16	Luft, J. C. ....	18.00
Christian Bros. ....	131.97	McCartha, J. P. ....	101.50
Church & Stephenson. ....	167.32	McCrary & Co. ....	6.00
Colorado Nursery Co. ....	73.92	McGarry, J. W. ....	16.50
Connell, Wm. ....	34.97	McKenzie, T. H. ....	31.50
Continental Oil Co. ....	11.76	Massey, Tommy. ....	23.75
Cook Bros. Co. ....	29.35	Mast, H. G. ....	100.00
Cook, P. S. ....	83.55	Menardi Stationery Co. ....	82.50
Copeland Co., M. G. ....	13.81	Mercer, C. T. ....	14.88
Corbin Cabinet Lock Co. ....	.15	Minnix Co. (Incorporated), N. M. ....	302.50
Davis, E. S. ....	12.23	Miracle Pressed Stone Co. ....	20.00
Davis Lumber Co. ....	92.66	Missouri Tent and Awning Co. ....	114.20
Deere Plow Co., John. ....	18.45	Mitchell, E. A. ....	10.00
Dempster Mill Manufacturing Co. ....	11.39	Mitchell, Lewis & Staver Co. ....	364.20
Denver Sewer Pipe and Clay Co. ....	167.50	Monarch Typewriter Co. ....	80.05
Dinneen, W. E. ....	44.00	Moore, M. M. ....	58.05
Dobson, Adna. ....	200.00	Morris & Sons Co., Elias. ....	32.04
		Morris Tent and Awning Co. ....	217.30
		Murphy Co. (Incorporated), E. J. ....	12.75
		Murphy, J. E. ....	£27.94

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies etc.—Cont'd.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Murrill & Keizer Co.....	\$281.80	Wright & Lawson.....	\$36.93
Muth & Co., Geo. F.....	128.70	Wylie & Ward.....	13.00
Nagle, J. C.....	600.00	Yale and Towne Manufacturing Co.....	.25
National Electric Supply Co.....	11.80	Total.....	16,960.25
National Railway Publishing Co.....	1.33		
National Wood Pipe Co.....	369.50	<i>Furniture.</i>	
Needham Ranch, J. H.....	6.75	Fuller Desk Co., Geo. H.....	48.00
Nevada Hardware and Supply Co.....	224.00	Gill Co., J. K.....	152.80
Nichols Supply Co., A. M.....	9.00	Lansburgh Furniture and Carpet Co., J	46.77
Orr, J. J.....	11.65	Library Bureau.....	37.50
Ost, J. P.....	6.70	Lincoln, Fred S.....	69.75
Palmer & Co.....	18.34	Moses & Sons, W. B.....	1,185.19
Parlin & Orndorff Plow Co.....	3.15	Standard Furniture House (Incorporated)	45.50
Peerless Electric Co.....	130.00	Tull & Gibbs.....	31.50
Pender Hardware Co.....	120.19	Washington Wood-Working Co.....	39.00
Perry & Sons, S. S.....	82.45	Woodward & Lothrop.....	298.93
Perryman, Geo.....	95.00	Yawman & Erbe Manufacturing Co.....	357.05
Perryman, M. A.....	56.00	Total.....	2,311.99
Petty, W. F.....	10.00		
Pierce Seed Co.....	6.73	<i>Freight.</i>	
Pike, Sheldon.....	51.61	Baltimore and Ohio R. R. Co.....	.90
Pioneer Seed Co.....	12.60	Blue Line Transfer Co.....	.75
Plumbing and Steam Fitting Supply Co.....	111.30	Chicago, Burlington and Quincy Ry.....	5.19
Pacific Mill and Mine Supply Co.....	49.97	Knox Express Co., The Geo. W.....	5.50
Portland Seed Co.....	46.50	McNab & Smith.....	.72
Purdy, S.....	43.25	Merchants' Transfer and Storage Co.....	65.80
Rand, McNally & Co.....	26.08	Southern Railway Co.....	13.11
Rauch, Needham.....	60.90	Stanton & Son, F. F.....	9.00
Reed, Roy.....	26.00	Total.....	100.97
Reeder & Budd.....	18.00		
Reilly, Hugh.....	8.25	<i>Express.</i>	
Remington Typewriter Co.....	183.45	Adams Express Co.....	247.98
Richards Hardware Co.....	23.46	United States Express Co.....	58.09
Rodgers, Chas. W.....	49.35	Total.....	306.07
Roedel, A. E.....	30.90		
Roedel Hardware Co., F. A.....	151.35	<i>Telegraph.</i>	
Rogers, B. F.....	6.67	Minneapolis, St. Paul and Sault Ste.	
Ronalds & Ronalds.....	33.64	Marie Ry. Co.....	.25
Roseborough & Co.....	85.66	Postal Telegraph-Cable Co.....	15.45
Royall, R. V.....	250.00	Western Union Telegraph Co.....	119.61
Rudolph & West Co.....	11.80	Total.....	135.31
Salt Lake Hardware Co.....	55.00		
Schieren Co., Chas. A.....	7.80	<i>Telephone.</i>	
Scott Mercantile Co.....	105.74	Chesapeake and Potomac Telephone Co.....	17.68
Scott Supply and Tool Co.....	23.06	Kinney, Pete.....	15.00
Seruggs, Vandervoort-Barney Dry Goods Co.....	196.27	Total.....	32.68
Schilling, George.....	15.90		
Silver Foundry and Machine Co., H. A.....	28.05	<i>Rent.</i>	
Sioux City Tent and Awning Co.....	15.00	Armstrong, Anderville P.....	34.00
Smith, Simon.....	15.75	Bourne, W. O.....	5.00
Spigener, M. R.....	75.30	Warren Mercantile Co., F. E.....	720.00
Stallard, Frank.....	13.50	Wolle, Lewis T.....	5.00
Strohm Co., G. G.....	261.02	Total.....	764.00
Terry & Vagner.....	19.00		
Thompson, C. W.....	11.17	<i>Apparatus, instruments, and laboratory material.</i>	
Thorpe, Freeman.....	45.00	Berger & Sons, C. L.....	919.40
Tiger Bros. Mercantile Co.....	6.00	Friez, Julian P.....	15.40
Topham, James S.....	11.76	Green, Henry J.....	63.38
Underwood Typewriter Co.....	461.90	Gurley, W. & L. E.....	1,534.42
Vreeland, F. W.....	44.88	Jenks, W. S.....	6.50
Walford, D. N.....	20.10		
War Department.....	60.48		
Ware-Robbins Co.....	88.86		
Washington Wood-Working Co.....	48.00		
Weber & Co., C. F.....	10.00		
Weeter Lumber Co., J. C.....	47.94		
Western Hardware Co.....	171.95		
Western Lumber Co.....	67.01		
West Palm Beach Transfer Co.....	270.50		
Wheeler Bros. & Co.....	10.00		
Whitclaw & Co.....	218.43		
Wiegand, Martin.....	10.50		
Wiley & Sons, John.....	2.45		
Witmer, Chas. L.....	49.21		
Woodward & Lothrop.....	3.50		

## OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

Name.	Amount.	Name.	Amount.
<i>Apparatus, instruments, and laboratory material—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Keniff & Esser Co.....	\$106.70	Hirte, C.....	87.59
Leese, M. A.....	16.80	Hoff, E. J.....	70.35
Lietz Co., A.....	47.50	Jayne, S. O.....	916.54
McMurtry Manufacturing Co.....	48.25	Johnston, A. F.....	81.10
Martin, Roscoe.....	7.80	Kerin, Edmond F.....	174.37
Neptune Meter Co.....	59.50	Kipp, H. A.....	746.36
Pullman, E. J.....	47.25	Krall, John, jr.....	370.65
Sheetz, W. Silas.....	41.20	Lauck, W. H.....	735.96
Shilling, Geo.....	3.25	Lory, Chas. A.....	447.70
		Lynde, Harry M.....	210.90
Total.....	2,917.35	Jyons, D.....	10.04
		McCrary, S. H.....	1,691.89
<i>Travel and station and field expenses.</i>		McEathron, Wm. J.....	644.33
Adams, Frank.....	514.83	McLaughlin, W. W.....	494.00
Bark, Don H.....	139.32	Mahoney, R. E.....	420.27
Baxter, O. G.....	386.33	Manning, W.....	2.25
Bixby, Fredk. L.....	319.55	Marr, J. C.....	251.90
Boyd, Geo. R.....	325.85	Mast, H.....	69.44
Brett, Lawrence.....	1,082.10	Mead, Elwood.....	358.30
Brown, C. F.....	734.57	Mead, Tom.....	15.70
Bryant, O. W.....	847.41	Miller, Dalton G.....	1,697.66
Caplinger, F.....	14.74	Misch, H.....	20.30
Chadwick, E. W.....	329.25	Moore, H. I.....	221.89
Cone, Victor M.....	468.75	Morgan, Arthur E.....	1,294.42
Crosby, D. J.....	37.14	Nelson, B. S.....	23.70
Elliott, C. G.....	897.46	Nelson, Elias.....	371.47
Elliott, Herman R.....	517.60	Nowell, H. T.....	765.40
Ervin, Guy.....	61.40	Pearl, Walter.....	46.55
Etcheverry, B. A.....	263.82	Reed, Chas. E.....	621.50
Fairley, Omer.....	768.53	Roadhouse, J. E.....	332.95
Fisher, R. W.....	36.60	Rockwell, Wm. L.....	257.68
Fleming, Burton P.....	42.05	Roeding, F. W.....	2,877.33
Ford, H. C.....	23.75	Rogers, B. F.....	64.65
Fortier, Samuel.....	1,383.25	Shafer, Fred F.....	854.67
Fugate, Fred M.....	193.05	Stewart, John T.....	252.31
Fuller, P. E.....	910.41	Stout, O. V. P.....	179.72
Gillespie, Chester G.....	179.95	Stover, A. P.....	1,057.75
Gordon, John H.....	1,550.73	Tait, C. E.....	1,266.83
Greathouse, L. H.....	80.20	Teele, R. P.....	108.25
Gregory, W. B.....	503.15	True, Gordon, H.....	368.30
Griffin, Geo. A.....	161.87	Weir, Walter W.....	551.25
Grone, Edwin A.....	50.68	Woodward, S. M.....	164.94
Hart, R. A.....	29.85	Wright, J. O.....	1,036.85
Hemphill, R. G.....	438.56	Zappone, C. R., jr.....	303.84
Hidinger, L. L.....	1,184.23	Total.....	36,936.83

Total amount of appropriation.....\$150,000.00

Total expenditures under above groups.....146,510.15

Unexpended balance.....

Repayments to credit of appropriation.....3,489.85

Net unexpended balance.....

3,500.57

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Irrigation and drainage investigations, 1908, \$150,000"—Continued.

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
C. L. Berger & Sons.....	Transits and levels.....	\$919.40
El Paso Foundry and Machine Co.....	Evaporation tanks.....	579.70
W. & L. F. Gurley.....	Transits and levels.....	1,051.80
A. P. Armstrong.....	Rent of room.....	34.00
J. H. Arp.....	Rent of land.....	60.00
W. O. Bourne.....	do.....	5.00
Warren Merchantile Co.....	Rent of offices.....	720.00
Lewis T. Wollé.....	Rent of land.....	5.00
Total.....		3,374.90

## OFFICE OF EXPERIMENT STATIONS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Agricultural experiment stations, fund from sale of card indexes, \$292.32."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Morman, J. B. ....	Clerk, at \$1,400. ....	\$291.66	.....

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation "Agricultural experiment stations, fund from sale of card indexes, \$292.32"—Continued.*

Name.	Amount.
<i>Stationery.</i>	
Lincoln, Fred S. ....	\$0.66
Total amount available. ....	\$292.32
Total expenditures under above groups. ....	292.32

## RECAPITULATION.

Statutory salaries. ....	\$31,207.01
Lump-fund salaries in Washington. ....	51,474.45
Lump-fund salaries outside of Washington. ....	61,501.75
Stationery. ....	1,610.08
Miscellaneous supplies and services, equipment, books, machinery, etc. ....	18,270.09
Furniture. ....	3,243.21
Freight. ....	516.49
Express. ....	323.85
Telegraph. ....	158.17
Telephone. ....	46.00
Rent. ....	1,513.97
Apparatus, instruments, and laboratory material. ....	3,089.49
Travel and station and field expenses. ....	40,981.09
	213,935.65
Insular stations:	
Alaska. ....	\$24,000.00
Hawaii. ....	23,860.47
Porto Rico. ....	24,000.00
	71,860.47
(The above amount appropriated by Congress for insular stations was expended by temporary disbursing agents in charge of stations.)	
Total expenditures for entire Office of Experiment Stations. ....	285,796.12
Total of all appropriations, less \$720,000 for state experiment colleges, disbursed by Treasury. ....	293,220.00
Amount derived from sale of card indexes. ....	292.32
	293,512.32
Total expenditures as above. ....	285,796.12
Unexpended balance on September 30, 1908. ....	7,716.20
Repayments to credit of appropriations. ....	10.72
Net unexpended balance on September 30, 1908. ....	7,726.92
Outstanding liabilities (estimated). ....	3,496.05
Balance to be turned back in Treasury (estimated). ....	4,230.87

## OFFICE OF EXPERIMENT STATIONS—Continued.

## PROJECTS.

The principal projects conducted by the Office of Experiment Stations during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

*Office of Experiment Stations, 1908.*

Salaries, statutory.....	\$31, 220. 00
Salaries paid.....	\$31, 207. 01
Unexpended balance.....	12. 99
Total.....	31, 220. 00

*Agricultural Experiment Stations, 1908.*

Supervision of the work and expenditures of 55 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, and Porto Rico, and promotion of their general interests. The preparation of 68 publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world, and 900 cards of the index of experiment-station literature. Preparation of 4,650 summaries of the reports of agricultural investigations made by the agricultural experiment stations and kindred institutions in the United States and over 50 other countries, in order to give prompt information regarding such investigations to the workers in similar lines in this department and the agricultural experiment stations and to teachers and students in the agricultural colleges and schools. This information is published monthly in the Experiment Station Record. This journal also contains articles suggesting lines of work for the stations and advice regarding their work and management as provided for in section 3 of the act of Congress of March 2, 1887.....		30, 000. 00
Salaries.....	\$24, 009. 01	
Travel.....	2, 798. 59	
Rent.....	749. 97	
Supplies, etc.....	1, 837. 83	
Balance, September 30, 1908.....	604. 60	
Total.....	30, 000. 00	

## INSULAR STATIONS.

*Agricultural Experiment Stations, Alaska, 1908.*

Maintenance of a central experiment station and four branch stations to investigate the agricultural and horticultural resources of Alaska, development of animal industry, dairying, etc., introduction of live stock for experimental purposes.....		24, 000. 00
Salaries.....	\$11, 301. 92	
Labor.....	4, 291. 73	
Travel.....	1, 536. 26	
Freight, express, etc.....	2, 315. 52	
Supplies, etc.....	4, 554. 57	
Total.....	23, 994. 09	
Balance September 30, 1908.....	5. 91	
Total.....	24, 000. 00	

*Agricultural Experiment Stations, Hawaii, 1908.*

Maintenance of an experiment station at which studies are made on diversified agriculture with reference to the peculiar needs of the country, and scientific investigations in agronomy, chemistry, entomology, horticulture, etc.....		24, 000. 00
Salaries.....	\$11, 412. 69	
Labor.....	5, 183. 02	

*Agricultural Experiment Stations, Hawaii, 1908—Continued.*

Travel.....	\$1,101.56
Freight, express, etc.....	413.77
Supplies, etc.....	5,749.43
Total.....	23,860.47
Balance September 30, 1908.....	139.53
Total.....	24,000.00

*Agricultural Experiment Stations, Porto Rico, 1908.*

Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, coffee culture, and scientific investigations along various lines of agriculture.....	\$24,000.00
Salaries.....	\$8,259.45
Labor.....	6,678.63
Travel.....	1,365.69
Freight, express, etc.....	298.72
Supplies, etc.....	7,397.51
Total.....	24,000.00

## FARMERS' INSTITUTES.

For investigating and reporting upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice.....	5,000.00
Salaries.....	\$3,287.50
Travel.....	970.26
Supplies, etc.....	647.01
Balance September 30, 1908.....	95.23
Total.....	5,000.00

## NUTRITION INVESTIGATIONS, 1908.

For packing, transporting, and storing in Washington, D. C., all apparatus belonging to the Government and used in the nutrition investigations..	5,000.00
Salaries.....	\$581.66
Freight, express, storage, etc.....	768.93
Travel.....	275.41
Balance September 30, 1908.....	3,374.00
Total.....	5,000.00

## IRRIGATION AND DRAINAGE INVESTIGATIONS, 1908.

Atlantic States (in general).....	394.04
Arkansas.....	4,827.33
Arid States (in general).....	6,657.71
California.....	10,575.74
Colorado.....	8,344.49
Florida.....	4,744.03
Idaho.....	2,131.48
Illinois.....	6,082.15
Indiana.....	183.77
Iowa.....	225.00
Kansas.....	1,833.41
Louisiana.....	3,621.74
Minnesota.....	1,703.69
Mississippi.....	9,849.96
Montana.....	801.01

Nevada.....	\$2, 269. 30
New Jersey.....	1, 669. 63
New Mexico.....	1, 038. 42
North Carolina.....	2, 620. 76
North Dakota.....	359. 75
Oregon.....	6, 816. 95
South Carolina.....	4, 217. 19
South Dakota.....	680. 26
Texas.....	1, 536. 95
Utah.....	4, 590. 56
Washington.....	3, 647. 57
Wisconsin.....	200. 00
Wyoming.....	15, 684. 82
Reconnaissance surveys and advisory field work.....	2, 520. 56
	<hr/> 109, 828. 27

## IRRIGATION INVESTIGATIONS.

*On the use of water in irrigation.*

Arkansas: Investigations in the cost of pumping water for rice irrigation..	\$317. 83
Arid States (in general): Collection, collation, and preparation for publication of information relating to the preparation of land for irrigation; laying out and building farm ditches, construction of farm reservoirs; use of windmills for supplying water for irrigation, and the application of water to crops usually grown in these regions, such as alfalfa, potatoes, sugar beets, grains, etc.....	6, 657. 71
California: Studies to determine the losses of irrigation water in present practice, and the efficiency and cost of different methods of preventing these losses, including measurements of losses by seepage from ditches, and experiments to determine the effectiveness and cost of different kinds of canal lining; measurements of evaporation from the surface of soils to which water has been applied at different depths and which have received different degrees of cultivation after irrigation, to determine what methods lead to the greatest economy of water; observations of the percolation of water applied to the soil by different methods to determine the effect of these methods in placing the water where it is of the greatest use to plants and in preventing waste of water either by percolation beyond the root zone or by surface flow. Studies of canal management and operation to determine the effect of different systems upon the economical use of water, and upon the prosperity of the water users, including methods of delivering water to consumers, and charges for water. Studies of methods and cost of preparing land for irrigation and of applying water to different crops for the purpose of determining their efficiency and compiling manuals giving practical directions for the use of beginners in irrigation.....	9, 595. 74
Colorado: Experiments in the irrigation of sugar beets and orchards, with a view to improving the practice in connection with the former and comparing the results of irrigation practice as usually followed, and with much less water, in connection with the latter.....	1, 899. 42
Idaho: Studies of methods of bringing new land into cultivation, and the quantity of water required by such land. Determination of the effect of using different quantities of water applied by different methods....	2, 131. 48
Iowa: Determination of the practicability of irrigation in regions where there is usually sufficient rainfall to raise profitable crops.....	225. 00
Kansas: Determination of the cost of pumping water and the best methods of using water and comparison of crops grown with and without irrigation.....	339. 32
Louisiana: Studies of methods of irrigating rice and measurements of the quantities of water used for the purpose of developing improved methods and bringing about a more economical use of water in sections where water is pumped and the quantity bears a direct relation to the cost of the products.....	1, 701. 07
Minnesota: To determine the practicability of irrigating uplands with water pumped from low-lying land, with a view to improving both.....	329. 55

Montana: Experiments in orchard irrigation, with a view to suggesting improvements tending toward a more economical use of water, and to determine effectiveness of different methods in preventing losses of water.....	\$801.01
Nevada: Measurements of quantities of water used in irrigation at different points throughout the State, and studies of methods of use, with a view to securing the adoption of improved methods and the use of small quantities of water. Determination of the amount of water required for best results in growing grain, alfalfa, garden truck, and fruit, and collection of information in relation to the irrigation of orchards and alfalfa.....	2,269.30
New Mexico: Determination of evaporation of soils and percolation of water applied in irrigation. Experiments in the application of water by different methods to determine their adaptability and their influence upon the quantity of water used.....	1,038.42
North Carolina: Determination of the best methods of applying water to truck crops in the eastern part of the State.....	134.50
North Dakota: Investigations on the duty of water, including the measurements of evaporation from soils under different methods of application of water and of cultivation.....	359.75
Oregon: Experiments in irrigation in the Willamette Valley to determine the practicability of irrigation in regions where the annual rainfall is heavy and summer droughts occur regularly.....	4,887.15
Texas: Studies of the preparation of land for irrigation, the application of water to crops, pumping, conveyance, and measurements of water to consumers, with a view to advising as to the best methods of preparing land for irrigation, applying water, and removing surplus waters by means of drainage in a section just being settled and brought under irrigation.....	1,536.95
Utah: Determination of the quantity of water used in general practice and experiments to determine what quantities and method of application give the best results and rendering advice to new settlers. Measurements of the quantities of water used in irrigation along certain streams in cooperation with the state engineer for use in determining rights to water from these streams.....	875.50
Washington: Collection of information regarding existing canals, irrigation practice, quantities of water used, methods of canal management, need of drainage under irrigation canals, cost of water rights in irrigated lands, for the purpose of providing such information to intending settlers. Measurements of seepage losses from canals and leakage from flumes, and collection of information regarding methods adopted for checking these losses.....	3,647.57
Wisconsin: Study of irrigation practice and possibilities, with a view to making such investigations and experiments as may be indicated by the investigation.....	200.00
Wyoming: Measurements of water used and collection of information as to irrigation practice, with a view to securing improvements in methods and in more economical use of water. Collection of data regarding the use of windmills in pumping water for irrigation, together with the cost of pumping with different kinds of power.....	2,591.91
	<hr/> 41,539.18

*On irrigation extension.*

Stations have been established and equipped in the semiarid region to determine the possibilities of irrigation on the plains where stream water is not available in connection with dry farming or stock raising. The work done includes the use of flood water in spring, the storage and use of storm water, pumping with different kinds of engines and windmills, and experiments in applying water by different methods to determine how the largest use can be made of the small supplies available.

Cheyenne, Wyo.....	\$6,370.43
Newcastle, Wyo.....	4,404.91
Eads, Colorado.....	3,880.06
	<hr/> 14,655.40

## DRAINAGE INVESTIGATIONS.

Arkansas: Ascertaining the value of wet lands and outlining general plan for drainage; investigation of the practicability of draining prairie land by roadside ditches and improving natural channels to prevent overflow; assisting in the initiation of actual drainage constructions by furnishing advice in the formation of drainage districts and in the adoption of the best plans for doing the work .....	\$4,509.50
California: Investigations to determine the feasibility of drainage where water has to be removed by pumping, the best systems for collecting water and the most satisfactory type of machinery for pumping the water where pumping is necessary .....	980.00
Colorado: Investigations to determine the best methods of draining lands in the San Luis and Arkansas Valley where excess of water resulting from irrigation and accumulation of alkali threaten to result in the abandonment of large areas once under profitable irrigated cultivation; cooperation with farmers in relieving the soil of excessive amount of water and alkali, which occurs where extensive irrigation is carried on for a number of years .....	2,565.01
Florida: Investigation to determine the feasibility of draining the Everglades, the most feasible method and probable cost, whether the character of the land when drained would be suitable for agricultural purposes, and the preparation of plans showing the best method of undertaking drainage work .....	4,744.03
Illinois: Preliminary studies and surveys to determine the best plans for preventing injury by overflow along the little Wabash River and other similar streams in the southern portion of the State in order that the bottom lands may be used for agriculture; determination of the proper size of drainage ditches for lands of the type prevailing in the corn belt of Illinois; investigation and report upon the protection and drainage of the bottom lands along the Illinois River .....	6,082.15
Indiana: Completion of plan for the freer discharge and more complete drainage of the Kankakee Valley, based on the survey of the channel and bordering areas .....	183.77
Kansas: Completion of the survey of the Neosho River and its contiguous agricultural bottom lands, and the preparation of maps and a report showing the kind and cost of improvements necessary to control the river and protect the adjoining land .....	1,494.09
Louisiana: Completion of plans for draining an area of 15,000 acres in Madison Parish, La., and a general study of the possibilities of drainage throughout the low lands of the Mississippi Delta. Investigation of the conditions affecting the maintenance and repair of drainage ditches, the customary methods of carrying on the work, and its cost .....	1,920.67
Minnesota: Completion of experiments to determine the feasibility of the use of tiled drains in sections where severe winters obtain. Assistance to farmers in the formation of drainage districts and the initiation of feasible, comprehensive, and adequate systems of drainage for definite areas .....	1,374.14
Mississippi: The extension to other localities of the investigations begun in 1907 to determine the feasibility and approximate cost of main drainage systems, including a study of the practicability of cleaning out and enlarging natural but inadequate drainage outlets and a comparison of the advantages and cost of such work with the advantages and cost of providing new artificial outlets to relieve certain sections of surplus water. Assisting the people in certain definite sections in initiating a feasible, comprehensive, and adequate system of drainage improvements .....	9,849.96
New Jersey: Completion of investigation and report upon the best methods of reclaiming some 10,000 acres of tidal marsh, nonproductive and a menace to public health .....	1,669.63
North Atlantic States: Investigation to determine the value of tidal marshes for agricultural purposes; best methods of reclaiming, including the determination of best system of diking and methods of building, methods of getting rid of interior seepage water and of bringing soil into condition fit for agriculture .....	394.04
North Carolina: Investigations to determine the best method of draining the swamp and overflowed lands along the Roanoke and other rivers. Aid to landowners in initiating feasible, comprehensive, and adequate systems of drainage .....	2,486.26

Oregon: Experiments with a 72-acre tract to determine the value of tile drainage in reclaiming unproductive "worn out" wheat lands in the Willamette Valley .....	\$1, 929. 80
South Carolina: Investigation of conditions throughout the tidal regions of the State with a view to draining the river bottom lands of Charleston, Berkeley, and Dorchester counties, and to determine whether such lands may be protected from the inflow of salt water and fitted for dry-land crops. Plans for the drainage of the low lands bordering the upper part of Sampit Creek and its tributaries. Determination of the best methods for the protection of fertile bottom lands from overflow at the time of river freshets and fitting such lands for the most profitable cultivation. Experiments to determine the cost, satisfactory depth, and distance apart for tiled drains in lands of the character examined. Examination into the conditions which affect the drains of coast lands in general.....	4, 217. 19
South Dakota: Investigation to determine the best plan for protecting from overflow and draining bottom lands along the Vermilion River, where the valley varies from one-half to 3 miles in width.....	680. 26
Utah: The continuation and extension to other localities of the investigations begun in 1907 to determine the feasibility and profitableness of draining and reclaiming areas of land once under profitable cultivation by irrigation and subsequently injured or ruined by the accumulation of water and alkali; experiments to determine the most practicable materials available for use in construction of new drains suitable for installment in the various soils found in different counties throughout the State.	3, 715. 06
Wyoming: Preliminary plans for drainage system for removal of surplus water and alkali from areas of irrigated land in which the accumulation of seepage water and alkali has ruined the land for crop production; experiments to determine the best plan of tile drainage and experimental demonstration of methods of draining large areas of land in this section; assisting in the initiation of actual drainage construction.....	2, 317. 57
Special and general investigations: Preliminary field examinations of drainage projects for which the assistance of the office is requested, and reports of the nature, size, and probable cost of such projects, the collection of information upon current drainage practice and progress, the wide dissemination of available information both orally and by correspondence, and general advice and assistance to applicants.....	2, 520. 56
General planning and supervision of irrigation and drainage investigations throughout the United States; preparation of reports, drafting and other work on illustrations, correspondence with field agents and public, purchase of field instruments and accessories, etc.....	22, 149. 24
Maintenance of headquarters for irrigation-extension work and central supply and rating station.....	4, 580. 96
Miscellaneous, supplies, apparatus, furniture, etc .....	9, 951. 68
Total:	
On use of water in irrigation.....	41, 539. 18
On irrigation extension.....	14, 655. 40
On drainage investigations.....	53, 633. 69
General supervision, preparation of reports, etc.....	22, 149. 24
Maintenance of headquarters for irrigation, extension of work, etc....	4, 580. 96
Miscellaneous supplies, etc.....	9, 951. 68
	<hr/>
	146, 510. 15
Appropriation.....	150, 000. 00
	<hr/>
Balance, September 30, 1908.....	3, 489. 85

## OFFICE OF PUBLIC ROADS.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Salaries, Office of Public Roads, 1908, \$12,390."*

## STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Page, L. W.	Director, at \$2,750	\$2,750.00	\$132.90
Eldridge, M. O.	Chief of records, at \$1,000	533.34	889.20
Pennypacker, J. E., jr.	do.	1,066.66	
Cobb, Marguerite	Editorial clerk, at \$1,200	70.00	
Draper, A. E.	do.	1,130.00	
Kelsey, F. G.	Clerk, class 1	1,200.00	
Robey, E. R.	do.	1,200.00	
Davies, Alice L.	Clerk, at \$1,000	1,000.00	
Francis, Grace	do.	973.61	
Hansen, Leopoldine	do.	1,000.00	
Gordon, Hilda M.	Clerk, at \$720	30.00	
Pierce, Anna L.	do.	678.00	
Wells, E. M.	do.	720.00	

Total amount of appropriation..... \$12,390.00

Total amount paid for salaries..... 12,351.61

Unexpended balance..... 38.39

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation*  
*"Public roads, 1908, \$57,660."*

## LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>In Washington.</i>			
Cushman, A. S.	Assistant director, at \$9 per diem	\$2,340.00	\$300.25
Peirce, V. M.	Chief Engineer, at \$2,000 and \$2.250	2,187.50	756.50
Worneley, P. L., jr.	Testing engineer, at \$1,800	1,800.00	10.80
Eldridge, M. O.	Collaborator, at \$5 per diem and \$135 per month	1,125.00	
Pennypacker, J. E., jr.	Chief of information, at \$1,600	533.34	
Hubbard, Prevost	Assistant, at \$1,400	1,400.00	279.71
Schloer, F. H.	Instrument maker, at \$1,200 and \$4 per diem	992.66	
Boykin, L. E.	Expert, at \$1,500	433.33	
Bulkley, Barry	Expert, at \$5 per diem	30.00	
Crandall, Roy	do.	410.00	
Lord, E. C. E.	Petrographer, at \$1,400	1,400.00	
Barrows, Lucius D.	Civil engineer student, at \$600	593.33	441.38
Toins, Raymond E.	do.	576.67	531.98
Lumpkin, Alice I.	Clerk, at \$900	40.00	
Murray, Osa	Clerk, at \$60 per month	60.00	
Jackson, F. H., jr.	Laboratory apprentice, at \$60 per month	714.00	
Grant, Wm. A.	Laboratory helper, at \$40 per month	480.00	
Schultz, A. F.	Unskilled laborer, at \$50 per month	250.00	
Turner, Edward	Unskilled laborer, at \$40 per month	273.33	
Watson, S. M.	Laborer, at \$600	600.00	
Tompkins, R. R.	Messenger, at \$480 and \$50 per month	170.00	
Carroll, Louis W.	Messenger boy, at \$360 and \$40 per month	300.00	
Total		16,709.16	
<i>Out of Washington.</i>			
Lancaster, Sam C.	Special agent and consulting engineer, at \$8 per diem	320.00	183.67
Loder, A. E.	Assistant engineer, at \$1,500 and \$5 per diem	347.50	57.55
Heidel, B. F.	Assistant engineer, at \$1,000 and \$1,200	1,150.00	536.14
Cooley, Geo. W.	Special agent, at \$8 per diem	184.00	26.85
Marks, L. S.	do.	144.00	

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Public roads, 1908, \$57,660"—Continued.

## LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
<i>Out of Washington—Cont'd.</i>			
Gross, H. H.	Special agent, at \$5 per diem	\$150.00	
King, David W.	Road expert, at \$8 per diem	176.00	\$37.90
Spoon, W. L.	Road expert, at \$6.50 and \$7 per diem	2,086.50	1,166.01
Cooley, G. L.	Road expert, at \$4.90 and \$5.50 per diem	1,389.30	396.70
Dodge, J. H.	Road expert, at \$4.90 per diem	1,176.00	293.98
Haire, D. G.	do.	1,063.30	123.00
Harrison, Chas. T.	do.	1,342.00	310.33
McClure, Fay.	do.	1,337.70	112.63
Evans, Wm. J.	Expert road-roller operator, at \$3.90 per diem	1,154.40	48.65
Rayner, Geo. E.	do.	920.40	195.97
Wilbert, Andrew.	do.	924.30	287.21
Williams, Geo. T.	do.	998.40	76.39
Rodger, James H., jr.	Expert road-roller operator, at \$3.50	350.00	24.69
Hulbert, A. B.	Expert, at \$4 per diem	388.00	69.45
Eldridge, J. H.	Assistant, at \$4.40 per diem	1,390.40	365.74
Carmick, Louis G.	Scientific assistant, at \$60 per month	564.00	213.53
Voshell, James T.	Junior assistant highway engineer, at \$1,000	999.98	884.43
Anderson, Andrew P.	Civil engineer student, at \$600, and junior assistant engineer, at \$1,000.	623.89	413.52
Mercader, L.	Civil engineer student, at \$50 per month, and junior assistant highway engineer, at \$1,000.	102.78	32.88
Morton, R. M.	Civil engineer student, at \$600, and junior assistant highway engineer, at \$1,000.	998.90	
Martin, R.	Civil engineer student, at \$600, and junior assistant engineer, at \$840.	608.00	434.06
Bowlby, H. L.	Civil engineer student, at \$600.	100.00	150.00
Rich, Joe U. G.	do.	6.67	25.65
Thomas, C. R., jr.	Civil engineer student, at \$50 per month, and scientific assistant, at \$70 per month.	720.00	443.13
Total.		21,722.02	

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Public roads, 1908, \$57,660."

Name.	Amount.	Name.	Amount.
<i>Stationery.</i>		<i>Miscellaneous supplies, etc.—Cont'd.</i>	
Andrews Paper Co., R. P.	\$3.80	Block, Edward	\$7.00
Ballantyne, R. Carter	1.20	Boker & Co., Herman	1.80
Brentano's	9.50	Browning & Middleton (Incorporated)	.82
Contingent expenses	232.80	Buffalo Steam Roller Co.	277.09
Library Bureau	4.00	Bureau of Engraving and Printing	150.00
Morrison Paper Co., E.	1.20	Capital Traction Co.	15.00
Parker, D. Frank	4.05	Card Manufacturing Co., S. W.	11.62
Roberts Co. (Incorporated), W. F.	1.00	Chicago Calcium Light Co.	8.61
Schmidt, Fred A.	117.94	Church & Stephenson	27.43
Swayze, W. L.	11.46	Clarke Co., R. P.	.45
Union Envelope Co.	4.80	Collins, J. Ross	15.00
United States Envelope Co.	18.89	Crosby Steam Gage and Valve Co.	4.00
Yawman & Erbe Manufacturing Co.	15.00	Dennison Manufacturing Co.	3.00
Total.	425.64	Dulin & Martin Co.	.72
<i>Miscellaneous supplies, etc.</i>		Du Perow, M.	10.83
Akers, J. O.	6.50	Dyer, W. H.	6.50
American Multigraph Sales Co.	286.52	Elliott Co.	9.94
American Road Machine Co.	19.20	Francis & Co.	109.00
Austin-Western Co. (Limited)	52.25	Gatchel & Manning	5.00
Barber & Ross	18.25	Good Roads Machinery Co.	20.54
Bcavers, C. H.	.75	Harris & Ewing	15.00
Bernasco, Joseph	1.00	Hartig, Louis	.60
		Heiskell & Co., P. H., jr.	9.50
		Honck, S. D.	.75
		Howell, Edwin E.	3.00

## OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
 "Public roads, 1908, \$57,660"—Continued.

Name.	Amount.	Name.	Amount.
<i>Miscellaneous supplies, etc.—Cont'd.</i>		<i>Freight—Continued.</i>	
Hughes, R. J.	\$6.00	Wabash R. R. Co.	\$122.70
Hunter Sanitary Dust Killing Floor Oil Co., C. T.	3.00	Total	1,134.55
Ingram & O'Neill	7.00	<i>Express.</i>	
Interior Department	6.97	Adams Express Co.	179.29
Iroquois Iron Works	34.45	United States Express Co.	15.08
Maurice Joyce Engraving Co., The.	4.00	Total	194.37
Kahn & Co.	7.50	<i>Telegraph.</i>	
Kelly-Springfield Road Roller Co.	262.50	Postal Telegraph-Cable Co.	21.19
Kentucky Good Roads Improvement Co.	46.00	Western Union Telegraph Co.	90.44
Kessler Bros., C. S.	1.85	Total	111.63
Koernicke, Annie I.	1.40	<i>Telephone.</i>	
Kritche, Chas. E.	4.00	Chesapeake and Potomac Telephone Co.	26.28
Lambie Co. (Incorporated), James B.	31.24	<i>Rent.</i>	
McComas, E. W.	21.86	Dierkoph, Geo. H. & Telen.	1,879.93
Marcum, J. A.	.60	Young, Estate of Rosanna C.	120.00
Mitchell Machine Co., J. R.	3.18	Total	1,999.93
Monarch Typewriter Co.	160.00	<i>Apparatus, instruments, and laboratory material.</i>	
Moore Company	6.00	Baker & Adamson Chemical Co.	2.00
Murphy Co. (Incorporated), E. J.	7.96	Bausch & Lomb Optical Co.	33.76
Murray Lyceum Bureau	10.50	Block, Edward	52.15
Muth & Co., Geo. F.	9.98	Claffin Optical Co.	1.00
National Electric Supply Co.	6.88	Eimer & Amend.	10.15
Navy Department	114.74	Gilman, Z. D.	9.44
New England Quartz Co.	6.48	Gurley, W. & L. E.	179.35
O'Connor, Edward	25.00	Leese, M. A.	2.00
Pease, Mrs. S. S.	49.00	Mackall Bros.	54.69
Electric Co.	18.50	Murray, B. P.	5.00
on Engine and Thresher Co.	172.60	Pullman, E. J.	66.83
Rau, John C.	4.50	Sheetz, W. Silas	105.92
Reed Co., F. E.	2.06	Thomas Co., Arthur H.	41.00
Reilly, Hugh	2.77	Torsion Balance Co.	.50
Roberts Co., W. F.	2.75	Total	563.85
Rudolph & West Co.	16.91	<i>Travel and station and field expenses.</i>	
Sauveur, Albert	9.75	Anderson, Andrew P.	413.52
Schafer & Co., E. G.	.75	Barrows, L. D.	441.38
Seamark, Harry F.	.25	Bowly, Henry L.	150.00
Thompson, C. W.	12.76	Carlick, L. G.	213.53
Topham, James S.	.65	Cooley, G. L.	396.70
Typewriter and Office Supply Co.	4.90	Cooley, Geo. W.	26.85
Underwood Typewriter Co.	2.96	Cushman, A. S.	300.25
Union Iron Works	8.65	Dodge, J. H.	293.98
Veitch, R. A.	1.00	Draper, Annie E.	4.36
Webb, Louis	56.00	Fildridge, J. H.	365.70
Whyte, Warren M.	.25	Eldridge, M. O.	889.24
Woodward & Lothrop	6.14	Evans, Wm. J.	48.65
Total	2,250.90	Haire, D. G.	123.00
<i>Furniture.</i>		Harrison, C. T.	310.33
Lansburgh Furniture and Carpet Co., J.	2.65	Heidel, Benj. F.	536.14
Moses & Sons, W. B.	71.35	Hubbard, Prevost	279.71
Woodward & Lothrop	7.95	Hulbert, A. B.	69.45
Yawman & Erbe Manufacturing Co.	74.25	King, D. Ward	37.99
Total	156.20	Lancaster, S. C.	183.67
<i>Freight.</i>		Loder, A. E.	57.55
Arkansas Central R. R. Co.	105.46	McClure, Fay	112.53
Blue Line Transfer Co.	9.40	Martin, R.	434.06
Chesapeake and Ohio Ry. Co.	186.07		
Denver and Rio Grande R. R. Co.	84.05		
Illinois Central R. R. Co.	22.42		
Knox Express Co., The Geo. W.	7.75		
Louisville and Nashville R. R. Co.	253.97		
Missouri Pacific Ry. Co.	136.03		
Nashville, Chattanooga and St. Louis Ry. Co.	180.21		
Oregon R. R. and Navigation Co.	17.91		
Pennsylvania R. R. Co.	7.14		
Southern Ry. Co.	1.44		

## OFFICE OF PUBLIC ROADS—Continued.

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Public roads, 1908, \$57,660"—Continued.*

Name.	Amount.	Name.	Amount.
<i>Travel and station and field expenses—Continued.</i>		<i>Travel and station and field expenses—Continued.</i>	
Mercader, L.....	\$32.98	Toms, Raymond E.....	\$331.98
Morton, R. M.....	531.44	Voshell, Jas. T.....	884.43
Page, L. W.....	132.90	Wilbert, Andrew.....	237.21
Peirce, Vernon M.....	756.50	Williams, Geo. T.....	76.39
Rayner, George E.....	195.97	Wormeley, P. L., jr.....	10.80
Rieh, J. U. G.....	25.65		
Rodger, J. H., jr.....	24.69	Total.....	10,593.38
Spoon, W. L.....	1,165.81		
Thomas, Chas. R., jr.....	448.13		

Total amount of appropriation..... \$57,660.00  
Total expenditures under above groups..... 55,887.91

Unexpended balance..... 1,772.09

*Report of expenditures for the fiscal year ended June 30, 1908, under appropriation  
"Public roads, 1908, \$57,660."*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Geo. H. Dierkoph and wife.....	Lease of building.....	\$1,880.00
Rosanna C. Young.....	Lease of stable for storage.....	120.00
Port Huron Engine and Thresher Co.....	Lease of steam road roller.....	155.00
Kelly-Springfield Road Roller Co.....	do.....	350.00
Buffalo Steam Roller Co.....	do.....	350.00
Total.....		2,855.00

## RECAPITULATION.

Statutory salaries.....	\$12,351.61
Lump-fund salaries:	
In Washington.....	16,709.16
Outside of Washington.....	21,722.02
Stationery.....	425.64
Miscellaneous supplies and services, equipment, books, machinery, etc.....	2,250.90
Furniture.....	156.20
Freight.....	1,134.55
Express.....	194.37
Telegraph.....	111.63
Telephone.....	26.28
Rent.....	1,999.93
Apparatus, instruments, and laboratory material.....	563.85
Travel and station and field expenses.....	10,593.38
Total for entire Office of Public Roads.....	68,239.52
Total amount of appropriations.....	70,050.00
Total expenditures under above groups.....	68,239.52
Unexpended balance on September 30, 1908.....	1,810.48
Outstanding liabilities (estimated).....	1,644.82
Balance to be turned back in Treasury (estimated).....	165.66

## OFFICE OF PUBLIC ROADS—Continued.

## PROJECTS.

The principal projects conducted by the Office of Public Roads during the fiscal year ended June 30, 1908, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

1. Object-lesson roads:	
Salaries.....	\$14, 190. 62
Travel and other expenses.....	3, 717. 65
2. Instruction in highway engineering:	
Salaries.....	3, 451. 67
Travel and other expenses.....	2, 301. 87
3. Testing road materials:	
Salaries.....	5, 345. 50
Travel and other expenses.....	460. 94
4. Road management and accounting:	
Salaries.....	844. 83
Travel and other expenses.....	13. 24
5. Lectures, addresses, and papers:	
Salaries.....	1, 683. 77
Travel and other expenses.....	2, 052. 98
6. Special advice and inspection:	
Salaries.....	3, 119. 93
Travel and other expenses.....	1, 847. 19
7. Dust prevention and dustless roads:	
Salaries.....	1, 869. 73
Travel and other expenses.....	627. 29
8. Inspection of rural-delivery roads: No expenditure during this fiscal year.	
9. Standardization of tests:	
Salaries (statutory roll not added here).	
Travel and other expenses.....	37. 00
10. Introduction of model systems of construction, maintenance, and administration:	
Salaries.....	1, 112. 05
Travel and other expenses.....	241. 88
11. Investigation of road materials in the several States:	
Salaries.....	213. 40
Travel and other expenses.....	6. 25
12. Sand-clay and burnt-clay roads:	
Salaries.....	1, 535. 20
Travel and other expenses.....	590. 25
13. Burnt-clay roads: The expenditures for this project were included in the report for No. 12.	
14. Investigation of slag:	
Salaries.....	520. 55
Travel and other expenses.....	92. 75
15. Cooperation with county newspapers: Salaries.....	460. 00
16. Corrosion of iron and steel:	
Salaries.....	1, 274. 84
Travel and other expenses.....	100. 50
17. Split-log drag:	
Salaries.....	182. 25
Travel and other expenses.....	51. 06
18. Classification of road materials: Salaries.....	700. 00
19. Traction tests: No expenditure made on this project during the fiscal year 1908.	
20. Bibliography on roads: Salaries.....	368. 00
21. Rent.....	2, 000. 00
22. Clerks, messengers, and laborers on lump fund.....	1, 032. 83
23. Miscellaneous and contingent.....	4, 696. 32
24. Machine shop.....	932. 66
Total.....	57, 660. 00
Expenditures from statutory roll were made on projects as follows:	
Road management and accounting.....	529. 18
Lectures, addresses, and papers.....	78. 89
Special advice and inspection.....	8. 88

## OFFICE OF PUBLIC ROADS—Continued.

Expenditures from statutory roll were made on projects as follows—Cont'd.

Dust prevention and dustless roads.....	\$404. 87
Standardization of tests.....	38. 19
Executive and administrative.....	3, 289. 99
Editorial and library.....	1, 200. 00
Correspondence and files.....	6, 801. 61
Turned back into Treasury, account leave of absence without pay...	38. 39
Total statutory roll, fiscal year 1908.....	12, 390. 00
Total appropriation for fiscal year 1908.....	70, 050. 00

## RECAPITULATION OF APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE.

Statutory salaries.....	\$1,150, 969. 32
Lump-fund salaries:	
In Washington.....	1, 450, 550. 47
Outside of Washington.....	5, 969, 131. 21
Stationery.....	150, 702. 02
Miscellaneous supplies and services, equipment, books, machinery, etc.....	1, 797, 971. 95
Furniture.....	93, 810. 87
Fuel.....	31, 108. 04
Freight.....	23, 889. 90
Express.....	15, 232. 57
Telegraph.....	194, 178. 55
Telephone.....	28, 630. 37
Rent.....	195, 892. 58
Gas and electricity.....	20, 846. 67
Apparatus, instruments, and laboratory material.....	181, 374. 97
Printing and binding.....	5, 410. 01
Travel and station and field expenses.....	978, 811. 03
Total.....	12, 308, 510. 53
Total appropriations for Department of Agriculture.....	13, 341, 639. 84
Total expenditures under above groups.....	\$12, 308, 510. 53
Advances to temporary special disbursing agents.....	157, 878. 77
Forest Service refunds.....	217, 228. 91
Total expenditures of entire Department of Agriculture.....	12, 683, 618. 21
Unexpended balance on September 30, 1908.....	658, 021. 63
Of this amount the balance on June 30, 1908, under the several appropriations which were available until used, was.....	31, 062. 45
Balance.....	626, 959. 18
Repayments to credit of appropriations.....	7, 987. 79
Net unexpended balance on September 30, 1908.....	634, 946. 97
Outstanding liabilities (estimated).....	243, 196. 27
Balance to be turned back in Treasury (estimated).....	391, 750. 70

*General contracts for annual supplies for the Department of Agriculture.*

## CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Allegheny Co.....	Fuel.....	\$20, 000. 00
American Lead Pencil Co.....	Stationery supplies.....	2, 000. 00
American Type Founders Co.....	Printing and lithographing.....	250. 00
Andrews Paper Co., R. P.....	Stationery supplies.....	10, 000. 00
Armour & Co.....	Soap and washing powder.....	500. 00
Baker & Co. (Incorporated).....	Laboratory material.....	200. 00
Baker Ink Co.....	Stationery supplies.....	400. 00
Ballantyne, R. Carter.....	do.....	2, 250. 00
Baumgarten, Arthur.....	do.....	400. 00
Bausch & Lomb Optical Co.....	Laboratory supplies.....	8, 000. 00
Brooks & Co., E. J.....	Car seals.....	2, 000. 00
Becker & Co., Chas.....	Painters' material.....	500. 00
Browning & Middleton.....	Miscellaneous supplies.....	200. 00
Carter, Rice & Co.....	Stationery supplies.....	250. 00
Church & Stephenson.....	Lumber.....	5, 000. 00
Conger Bros. & Co.....	Cleaning carpets.....	450. 00
Clarke Co., R. P.....	Miscellaneous supplies.....	600. 00
Cook, Bernheimer & Co.....	Removal of waste paper.....	300. 00
Crossmire & Ackor Co.....	Laboratory supplies.....	700. 00
Davison & Co., H. C.....	Stationery supplies.....	1, 000. 00
Densmore Typewriter Co.....	Stationery supplies, etc.....	500. 00
Duker Box Co., J. H.....	Packing boxes.....	1, 200. 00
Du Perow, M.....	Electrical supplies.....	900. 00

General contracts for annual supplies for the Department of Agriculture—Continued.

## CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Elliott, John G.	Towels.	\$500.00
Ergood Co., J. C.	Miscellaneous supplies.	200.00
Flint & Walling Manufacturing Co.	Instruments, towers, etc.	3,700.00
Forker & Co., C. A.	Flags.	7,000.00
Fox Typewriter Co.	Stationery supplies, etc.	200.00
Frazee-Potomac Laundry Co.	Washing towels.	500.00
Friez, Julien P.	Instruments.	2,500.00
Fritch & Son, Geo. T.	Miscellaneous supplies.	150.00
Gilman, Z. D.	Laboratory material.	2,500.00
Gilman, Z. D.	Potassium permanganate.	270.00
Greiner Co., Emil.	Laboratory materials.	1,500.00
Gray & Sons (Incorporated), Peter	Telegraph and hardware material.	1,700.00
Green, Henry J.	Instruments, towers, etc.	2,200.00
Hammond Typewriter Co.	Stationery supplies.	300.00
Hartig, Louis.	Telegraph and hardware material.	200.00
Heiskell & Co., P. H., jr.	Impliments, seeds.	1,500.00
Hiser, Daniel.	Flower pots.	900.00
Hoeke, W. H.	Furniture, etc.	5,000.00
Hoge & McDowell Co. (Incorporated).	Forage.	20,000.00
Holcomb Manufacturing Co., J. I.	Miscellaneous supplies.	200.00
Holtzer-Cabot Co.	Electrical supplies.	500.00
Home Ice Co.	Ice.	2,000.00
Hudson Electrical Supply Co.	Electrical supplies.	300.00
Improved Mailing Case Co.	Laboratory material.	100.00
International Seal Co.	Car seals, tags, etc.	100.00
International Seal and Lock Co.	do.	3,000.00
Jenks, W. S.	Instruments.	1,000.00
Johnson & Co., Chas. Eneu.	Miscellaneous supplies.	2,800.00
Lamb & Tilden.	Stationery supplies.	2,000.00
Lansburgh & Bro.	Miscellaneous supplies.	600.00
Lansburgh Furniture & Carpet Co., Julius.	Furniture, carpets, etc.	1,400.00
Lindemeyr, Philip.	Stationery supplies.	2,300.00
Lambie Co., James B.	Miscellaneous supplies.	400.00
Lord Baltimore Press.	Stationery supplies.	2,250.00
Mackall Bros.	Laboratory material.	6,500.00
Meier Company, Geo.	Painters' material.	50.00
Millar & Co., Geo. W.	Stationery supplies.	1,800.00
Mineralized Rubber Co.	Plumbers' material.	200.00
Moses & Sons (Incorporated), W. B.	Furniture, carpets, etc.	20,000.00
Mullin, Edward.	Miscellaneous supplies.	100.00
Monarch Typewriter Co.	Stationery supplies.	2,000.00
Murphy Co., E. J.	Painters' material.	600.00
Muth & Co., Geo. F.	Stationery supplies.	700.00
National Mortar Co.	Plumbers' material.	100.00
National Electrical Supply Co.	Electrical supplies.	800.00
Nawrath, J. P.	Stationery supplies.	1,500.00
Neostyle Co.	do.	4,250.00
Okonite Co. (Limited).	Telegraph and hardware material.	1,900.00
Oliver Typewriter Co.	Stationery supplies.	5,000.00
Parker, D. Frank.	do.	2,500.00
Philadelphia Thermometer Co.	Instruments, towers, etc.	100.00
Pratt Manufacturing Co., Wm. E.	Car seals, etc.	250.00
Porcela Co.	Miscellaneous supplies.	50.00
Queen & Co.	Instruments, towers, etc.	200.00
Rau, John C.	Electrical supplies.	4,000.00
Reilly, Hugh.	Painters' material.	500.00
Remington Typewriter Co.	Stationery supplies.	5,000.00
Rudolph & West Co.	Miscellaneous supplies.	4,500.00
Schmidt, Fred. A.	Stationery supplies.	200.00
Sloane, W. & J.	Carpets.	4,000.00
Smith Premier Typewriter Co.	Stationery supplies.	2,000.00
Smith & Bros. Typewriter Co., L. C.	do.	500.00
Somerville Co., Thos.	Plumbers' material.	2,000.00
Southern Printers' Supply Co.	Printing and lithographing.	500.00
Swayze, W. L.	Stationery supplies.	26,500.00
Thomas Co., Arthur H.	Laboratory materials.	2,500.00
Topham, James S.	Furniture, etc.	10,000.00
Underwood Typewriter Co.	Stationery supplies.	3,000.00
Western Electric Co.	Electrical supplies.	3,000.00
Whitall Tatum Co.	Laboratory material.	500.00
Widman & Co., C. D.	Furniture, etc.	6,000.00
Wiegand, Martin.	Shipping tags.	50.00
Williams Typewriter Co.	Stationery supplies.	50.00
Woodward & Lothrop.	Furniture, etc.	6,900.00
Yawman & Erbe Manufacturing Co.	Stationery supplies.	1,000.00



